

Pensacola State College

Federal Programs and Grants

Memorandum

Phone: 484-1705
Fax 484-1899

December 8, 2021

TO: Triumph Gulf Coast, Inc.

FROM: Dr. Debbie Douma, Dean
Grants & Federal Programs

SUBJECT: Application Update -- #257

Please accept the attached revised Table 7, increasing the number of projected industry certification to be earned during an eight (8) year project.

Per Dr. Bradley, Dean, and Dr. Walker, Department Head for Mathematics and Computer Science, courses below which end with a “C” are lab courses and include 2 hours of classroom time and 2 hours of lab time each week. Other classes are 3 hours of class time per week. Each semester is a total of 16 weeks – 15 weeks of instruction and one week for finals. Students will be prepared to take the industry certification exam at the end of each course.

Pensacola State College has not previously had a method to capture data on students who have earned industry certifications in the IT/Cybersecurity fields, unless students request reimbursement (through Perkins grant funds) for examination costs, so we are unable to provide baseline data. In essence, all certifications counted will be new. In recent years, 39 was the high number of industry certifications tracked through the reimbursement process. This project includes embedding industry certification exams within curriculum, allowing for all to be tracked and reported.

| Table 7. Projected Industry-Recognized Certifications Awarded | | | | | |
|--|--|----------------------------------|---|--|----------------------------|
| Course # | Course Title/Certification | Average Annual Enrollment | Projected Certifications Earned Annually | Projected Certifications Earned over 8-Year Project | Instructional Hours |
| CCJ2940C | <i>Cyber Forensics Capstone</i> Certification: Mile2 Certified Digital Forensics Examiners, C)DFE | 6 | 5 | 40 | 60 |
| CGS1061C | <i>Introduction to Computers in Technology</i> Certification: IC3 Digital Literacy Global Standard 6 (GS6) and/or Microsoft Office Specialist (MOS) | 255 | 193 | 1,544 | 60 |
| CTS1300C | <i>Administering Microsoft Windows Workstation</i> *Certification in development | 113 | 68 | 544 | 60 |
| CTS1390C | <i>Install & Configure Windows Server</i> *Certification in development | 118 | 83 | 664 | 60 |

| Table 7. Projected Industry-Recognized Certifications Awarded | | | | | |
|--|--|----------------------------------|---|--|----------------------------|
| Course # | Course Title/Certification | Average Annual Enrollment | Projected Certifications Earned Annually | Projected Certifications Earned over 8-Year Project | Instructional Hours |
| CNT2210C | <i>Enterprise Networking, Security & Administration</i> Certification: Cisco CCNA (200-301) | 2 | 2 | 16 | 60 |
| CTS2120C | <i>Security+</i> Certification: CompTIA Security+ (SYO-601) | 88 | 72 | 576 | 60 |
| CTS2149 | <i>Fundamentals of Project Management</i> Certification: CompTIA Project+ (PKO-004) | 122 | 94 | 752 | 45 |
| CET2614C | <i>Cisco CCNA Security</i> Certification: Cisco CCNA Security (IINS) | 50 | 47 | 376 | 60 |
| CNT3421 | <i>Securing the Cloud</i> Certification: CompTIA Cloud+ (CVO-002) | 24 | 23 | 184 | 45 |
| CNT3411 | <i>Security Operations</i> Certification: Cisco CyberOps (200-201) | 20 | 18 | 144 | 45 |
| CIS4385 | <i>Computer Forensics & Investigations</i> Certification: Mile2 Certified Digital Forensics Examiner, C)DFE | 32 | 29 | 232 | 45 |
| CIS3361 | <i>Security Testing & Auditing</i> | 31 | 27 | 216 | 45 |

| Table 7. Projected Industry-Recognized Certifications Awarded | | | | | |
|---|---|---------------------------|--|---|---------------------|
| Course # | Course Title/Certification | Average Annual Enrollment | Projected Certifications Earned Annually | Projected Certifications Earned over 8-Year Project | Instructional Hours |
| | Certification: TestOut Ethical Hacker Pro and/or EC Council CEIH Exam | | | | |
| CGS3812 | <i>Business Continuity & Disaster Recovery</i> Certification: Mile2 Certified Disaster Recovery Engineer C)DRE | 32 | 28 | 224 | 45 |
| CIS4357 | <i>Advanced Security Practitioner</i> Certification: CompTIA CASP (CAS-004) | 30 | 26 | 208 | 45 |
| ISM4314 | <i>Project & Change Management</i> Certification: Project Management Institute's Certified Associate in Project Management, CAPM | 28 | 24 | 192 | 45 |
| CIS4596 | <i>Cybersecurity Capstone</i> Certification: Mile2 Certified Information Systems Security Officer, C)ISSO | 21 | 19 | 152 | 45 |
| CET1178C | <i>PC Hardware</i> | 35 | 31 | 248 | 60 |
| CET1179C | <i>PC Operating Systems</i> Certification, after completion of both: CompTIA A+ (220-1001 and 220-1002) | | | | 60 |
| CET1588 | <i>Network+</i> | 62 | 38 | 304 | 45 |

| Table 7. Projected Industry-Recognized Certifications Awarded | | | | | |
|--|---|----------------------------------|---|--|----------------------------|
| Course # | Course Title/Certification | Average Annual Enrollment | Projected Certifications Earned Annually | Projected Certifications Earned over 8-Year Project | Instructional Hours |
| | Certification: CompTIA Network+ (N10-007) | | | | |
| CTS2145C | <i>Cloud Essentials</i> Certification: CompTIA Cloud Essentials (CLO-002) | 2 | 2 | 16 | 60 |
| CIS3122C | <i>Cybersecurity Analyst (first offered in Fall 2021)</i> Certification: CompTIA CySA+ (CSO-002) | 20 | 16 | 128 | 60 |
| PROJECTED TOTAL INDUSTRY-RECOGNIZED CERTIFICATIONS | | | | 6,760 | N/A |

Exhibit A
#257 - Cyber Security/IT Programs Expansion

Budget
Estimated construction start date if applicable 1-Mar-22
Estimated education component start date if applicable Currently underway in temporary facilities

| | Category #1- Salaries & Fringe | Category #2 - Construction | Category #3- Supplies, Cert & Student Fee Waivers, Recruiting, Technology | Category #4- Furniture, Equipment, Fixtures | Total |
|-------------------------------------|-----------------------------------|-------------------------------|--|--|---------------|
| Please change year # to actual year | | | | | |
| Project Total | | | | | |
| Program Start-Up 2020-2021 | | 15,675,000.00 | | | 15,675,000.00 |
| 2022 | 127,204.00 | 24,475,000.00 | 195,000.00 | | 24,797,204.00 |
| 2023 | 127,204.00 | 85,407.00 | 452,900.00 | 1,500,000.00 | 2,165,511.00 |
| 2024 | 127,204.00 | - | 186,500.00 | | 313,704.00 |
| 2025 | | | | | |
| 2026 | | | | | |
| 2027 | | | | | |
| 2028 | | | | | |
| 2029 | | | 22,500.00 | | |
| Project Total | 381,612.00 | 40,235,407.00 | 856,900.00 | 1,500,000.00 | 42,973,919.00 |

| | | | | | |
|--------------------------------------|------------|--------------|------------|--------------|---------------|
| Triumph | | | | | |
| Program Start-Up 2020-2021 (Phase I) | | | | | |
| 2022 | 127,204.00 | 9,175,000.00 | 195,000.00 | | 9,497,204.00 |
| 2023 | 127,204.00 | 85,407.00 | 452,900.00 | 1,500,000.00 | 2,165,511.00 |
| 2024 | 127,204.00 | | 186,500.00 | | 313,704.00 |
| 2025 | | | | | |
| 2026 | | | | | |
| 2027 | | | | | |
| 2028 | | | | | |
| 2029 | | | 22,500.00 | | 22,500.00 |
| Triumph Total | 381,612.00 | 9,260,407.00 | 856,900.00 | 1,500,000.00 | 11,998,919.00 |

| | | | | | |
|--------------------------------------|--|--------------|--|--|--------------|
| Grantee | | | | | |
| Program Start-Up 2020-2021 (Phase I) | | 3,300,000.00 | | | |
| 2022 | | | | | |
| 2023 | | | | | |
| 2024 | | | | | |
| 2025 | | | | | |
| 2026 | | | | | |
| 2027 | | | | | |
| 2028 | | | | | |
| 2029 | | | | | |
| Grantee Total | | 3,300,000.00 | | | 3,300,000.00 |

| | | | | | |
|---------------------------------------|---|---------------|---|---|---------------|
| Match Source 1 - State Appropriations | | | | | |
| Program Start-Up 2020-2021 (Phase I) | | 12,000,000.00 | | | 12,000,000.00 |
| 2022 | | 15,300,000.00 | | | 15,300,000.00 |
| 2023 | | | | | - |
| 2024 | | | | | - |
| 2025 | | | | | - |
| 2026 | | | | | - |
| 2027 | | | | | |
| 2028 | | | | | |
| 2029 | | | | | - |
| Match Source 1 Total | - | 27,300,000.00 | - | - | 27,300,000.00 |

| | | | | | |
|--------------------------------------|--|----------|--|--|----------|
| Match Source 2 - City of Pensacola | | | | | |
| Program Start-Up 2020-2021 (Phase I) | | \$25,000 | | | \$25,000 |
| 2022 | | | | | |
| 2023 | | | | | |
| 2024 | | | | | |
| 2025 | | | | | |
| 2026 | | | | | |
| 2027 | | | | | |
| 2028 | | | | | |
| 2029 | | | | | |

| | | | | | |
|--------------------------------------|---|------------|---|---|------------|
| Match Source 2 Total | - | 25,000.00 | - | - | 25,000.00 |
| Match Source 3 - Santa Rosa County | | | | | |
| Program Start-Up 2020-2021 (Phase I) | | 100,000.00 | | | 100,000.00 |
| 2022 | | | | | |
| 2023 | | | | | |
| 2024 | | | | | - |
| 2025 | | | | | - |
| 2026 | | | | | - |
| 2027 | | | | | |
| 2028 | | | | | |
| 2029 | | | | | - |
| Match Source 3 Total | - | 100,000.00 | - | - | 100,000.00 |
| Match Source 4 - Escambia County | | | | | |
| Program Start-Up 2020-2021 (Phase I) | | 250,000.00 | | | 250,000.00 |
| 2022 | | | | | |
| 2023 | | | | | |
| 2024 | | | | | |
| 2025 | | | | | |
| 2026 | | | | | |
| 2027 | | | | | |
| 2028 | | | | | |
| 2029 | | | | | |
| Match Source 4 Total | - | 250,000.00 | - | - | 250,000.00 |