3226 Program Vocational Learning Outcome

Program Vocational Learning Outcomes describe what graduates of the program have demonstrated they can do with the knowledge and skills they have achieved during their studies. The outcomes are closely tied to the needs of the workplace. Through assessment (e.g., assignments and tests), students verify their ability to reliably perform these outcomes before graduating.

1. Create meaningful design artifacts using modern software engineering methodologies and project management principles.

2. Design, develop, test and document native mobile applications for different mobile platforms.

3. Develop solution architectures to support client mobile applications by applying the principles and best practices of enterprise architecture.

4. Develop creative concepts for mobile applications that meet innovation, entrepreneurship and social enterprise objectives.

5. Develop secure mobile applications by implementing the security principles, standards, and best practices of mobile application development.

6. Design and develop usable, friendly, fast, and reliable mobile applications by applying the principles and best practices of User Interface design and experience (UI/UX).

7. Work independently and as a team member to develop mobile application solutions for a business.

8. Use industry standard testing methodologies to ensure software quality and improve software performance.

9. Develop and apply strategies for personal, career and professional development to enhance work performance and maintain currency with industry and technological changes.

10. Comply with relevant laws, industry standards, guidelines and best practices.