Course Name	**GRADUATION PROJECT (PHASE 2)**	Course Code		**ITEC427**	
Credit Hours	3	**Contact Hours**	Lec	Lab	Total
			2	1	3

Offered as	☐ University Requirement ☐ College Requirement ☒ Program Requirement ☒ Core ☐ Elective
	☒ ITEC ☐ COMP ☐ CNET

Level	8	**Prerequisite**	**ITEC425**

Course Description:

This course represents the culmination of the graduation project for students in the Bachelor of Information Technology (BIT) program. Building on the foundation laid in Phase 1, students will focus on the implementation, testing, and evaluation of their proposed projects. Key activities include developing and integrating system components, conducting rigorous testing to ensure functionality and performance, and refining the project based on feedback and test results. Students will also prepare comprehensive documentation and deliver a final presentation of their project outcomes. Throughout this phase, students will work closely with faculty advisors to ensure the successful completion of their projects. By the end of this course, students will have demonstrated their ability to apply theoretical knowledge to practical problems, showcasing their skills and readiness for professional practice in the field of information technology.

On completing this course, students will be able to:

♦ Implement the project plan developed in Phase 1, including the development and integration of system components.
♦ Conduct rigorous testing to ensure the functionality, performance, and reliability of the project.
♦ Identify and resolve any issues or challenges encountered during the implementation phase.
♦ Produce comprehensive documentation, including technical specifications, user manuals, and maintenance guides.
♦ Present the final project outcomes clearly and professionally to a diverse audience, including peers, faculty, and industry professionals.
♦ Demonstrate effective teamwork and collaboration skills throughout the project implementation.
♦ Adhere to ethical and professional standards in all aspects of the project, including data privacy, security, and intellectual property considerations.
♦ Apply critical thinking and innovative approaches to enhance the project's effectiveness and impact.

Assessment Methods	☒**Mid Presentation**	**40%**	☒**Pre Presentation**	**20%**	☒**Final**	**40%**

Text Books:

- How to do the Final Year Projects, 2nd Edition, By Hossein Hassani, Bookboon, 2015, ISBN 10: 8740302776,

- Projects in Computing and Information Systems: A Student's Guide, 3rd Edition, By Christian Dawson, Pearson, 2015, ISBN 10: 1292073462, ISBN 13: 9781292073460.

References:

- Writing your thesis - A Practical Guide for Students, 2nd Edition, By Librero Felix R., 2012, Philippines Open University,

- Doing Your Research Project: A Guide for First-Time Researchers, 7th Edition, By Stephen Waters, Judith Margaret Bell, 2018, McGraw-Hill Education,