SCHOOL OF
TECHNOLOGY, ARTS, SCIENCES AND HEALTH
OSU Institute of Technology

Applied Industry Leadership (BT)
120 Credit Hours
Standard Track
Fall Start

Recommended Course Sequence

First Semester - _____ 20____

Required Courses	Credit Hours	Semester Taken	Notes
AIL 1101 – AIL Program Orientation	1		
AIL 1113 – Foundations in Industry Leadership	3		
AIL 1213 – Funding the Industrial Enterprise	3		
CS 2103 – Advanced Computer Concepts & Applications for Industry	3		
NSCI 1113 – Nutrition or HHP – Introduction to Personal Health (3-credit hour SCIENCE)*	3		

Second Semester – _____ 20____

Required Courses	Credit Hours	Semester Taken	Notes
AIL 3413 – Industry Operations Management	3		
AIL 3433 – Applied Industry Operations Management	3		
HUM 1013 – Humanities I (3-credit hour HUMANITIES)*	3		
ENGL 3323 – Technical Writing III (Upper-Division Elective)*	3		
PHIL 1213 – Ethics (3-hour Humanities)*	3		

Third Semester – _____ 20____

Required Courses	Credit Hours	Semester Taken	Notes
AIL 3213 – Human Resource Management	3		
AIL 3233 – Applied Human Resource Management	3		
3-credit hour Focus Area course (see Focus Areas below)	3		
3-credit hour Focus Area course (see Focus Areas below)	3		
SPCH 1113 – Introduction to Speech Communications or SPCH 2323 – Small Group	3		

Fourth Semester – _____ 20____

Required Courses	Credit Hours	Semester Taken	Notes
AIL 4113 – Advanced Law and Business Ethics	3		
AIL 4133 – Applied Advanced Law and Business Ethics	3		
3-credit hour Focus Area course (see Focus Areas below)	3		
3-credit hour Focus Area course (see Focus Areas below)	3		

Fifth Semester – _____ 20____

Required Courses	Credit Hours	Semester Taken	Notes
AIL 4313 – Industry Expansion	3		
AIL 4333 – Applied Industry Expansion	3		
MATH 1493 – Math for Critical Thinking (3-credit hour MATH) or BIOL 1014 – Biology for Non-Majors (4-credit hour SCIENCE)*	3 or 4		
AIL 4904 - Capstone	4		

Focus Area: Data Analytics for Industry Professionals
AIL 3103 – Data Basics for Industry
AIL 3113 – Transforming Data Into Action
AIL 4143 – Data Visualization Principles
AIL 4153 – Ethical Data Leadership

Focus Area: Health Management
AIL 3243 – Introduction to Healthcare Management
AIL 3253 – Healthcare Management & Finance
AIL 4203 – Healthcare Issues in Diverse Populations
AIL 4213 – Healthcare Quality & Safety

Focus Area: Strategic Business Leadership
AIL 3303 – Strategic Financial Leadership
AIL 3313 – Business Operations Strategy
AIL 4303 – Business Marketing Strategies
AIL 4323 – Advanced Talent and Organizational Leadership

*Common General Education Courses – This list is subjective based on the credit hours that students bring with their AAS degree + excess credit (which is common).

Disclaimer: The OSUIT plan of study provides a general guide of courses for a given major. It does not constitute a legal contract between OSUIT and other persons or entities. Although every effort is made to ensure this document is current, students are encouraged to seek information specific to their own situation by referring to the official OSUIT Academic Catalog and visiting with a Student Success & Career Advisor. Determinations regarding transfer credits, prior learning credit, and the like will be reviewed on a case-by-case basis. If you have any questions or would like further information, contact us at osuit.academics@okstate.edu.