

Attachment B					
<u>REVISED BACCALAUREATE PLAN OF STUDY IN TECHNOLOGY LEADERSHIP AND INNOVATION</u>					
<u>MAJOR IN INDUSTRIAL TECHNOLOGY (TTLI-GEN-BS)</u>					
(Statewide Locations only)					
Effective Fall Semester of 2013-2014					
<u>Existing</u>			<u>Proposed</u>		
<u>First Semester</u>			<u>First Semester</u>		
(3)		English Composition Selective	(3)		Written Communication Foundation Selective
(3)	COM 11400	Fundamentals of Speech Communication	(3)	COM 11400	Fundamentals of Speech Communication
(5)	MA 15900	Precalculus	(5)	MA 15900	Precalculus
(3)	IT 10400	Industrial Organization	(3)	IT 10400	Industrial Organization
(3)	TECH 12000	Technology and the Individual	(3)	TECH 12000	Design Thinking in Technology
<u>17</u>			<u>17</u>		
<u>Second Semester</u>			<u>Second Semester</u>		
(3)		English Composition Selective	(3)		Humanities Foundation Selective
(3)	ECON 21000	Principles of Economics	(3)	ECON 21000	Principles of Economics
(3)		Manufacturing Fundamentals Selective	(3)		Manufacturing Fundamentals Selective
(4)	PHYS 21800	General Physics	(4)	PHYS 21800	General Physics
(3)	CNIT 13600	Personal Computing Technology Applications	(3)	CNIT 13600	Personal Computing Technology Applications
<u>16</u>			<u>16</u>		
<u>Third Semester</u>			<u>Third Semester</u>		
(3)		Math/Computing Selective	(3)		Math/Computing Selective
(3)	CGT 11000	Computer Graphics Communication	(3)	CGT 11000	Computer Graphics Communication
(3)	IT 23000	Elements of Distribution	(3)	IT 23000	Elements of Distribution
(3)		Electricity/Electronics Selective	(3)		Electricity/Electronics Selective
(3)		Materials/Manufacturing Selective	(3)		Materials/Manufacturing Selective
<u>15</u>			<u>15</u>		
<u>Fourth Semester</u>			<u>Fourth Semester</u>		
(3)		Humanities/Social Science Elective	(3)		Science Foundation Selective
(3)		Math/Computing Selective	(3)		Math/Computing Selective
(3)		Industrial Safety Selective	(3)		Industrial Safety Selective
(3)		Materials/Manufacturing Selective	(3)		Materials/Manufacturing Selective
(3)		Technical Elective	(3)		Technical Elective
<u>15</u>			<u>15</u>		

<u>Fifth Semester</u>			<u>Fifth Semester</u>		
(3)		Communication Elective (≥ 30000)	(3)		Advanced Oral Communication Selective
(3)		Science Selective	(3)		Science Foundation Selective
(3)	IT 34200	Introduction to Statistical Quality	(3)	IT 34200	Introduction to Statistical Quality
(3)		Materials/Manufacturing Selective	(3)		Materials/Manufacturing Selective
(3)	TECH 32000	Technology and the Organization	(3)	TECH 32000	Technology and the Organization
15			15		
<u>Sixth Semester</u>			<u>Sixth Semester</u>		
(3)	IT 38500	Industrial Ergonomics	(3)	IT 38500	Industrial Ergonomics
(3)		Technical Elective	(3)		Technical Elective
(3)		Technical Elective	(3)		Technical Elective
(3)	TECH 33000	Technology and the Global Society	(3)	TECH 33000	Technology and the Global Society
<u>(3)</u>		Science Selective	<u>(3)</u>		Advanced Written Communication Selective
15			15		
<u>Seventh Semester</u>			<u>Seventh Semester</u>		
(3)	IT 44200	Production Planning	(3)	IT 44200	Production Planning
(3)		Technical Elective	(3)		Technical Elective
(3)		Technical Elective	(3)		Technical Elective
(3)		Free Elective	(3)		Free Elective
<u>(3)</u>		Free Elective	<u>(3)</u>		Free Elective
15			15		
<u>Eighth Semester</u>			<u>Eighth Semester</u>		
(3)	IT 45000	Production Cost Analysis	(3)	IT 45000	Production Cost Analysis
(3)		Free Elective	(3)		Free Elective
(3)		Free Elective	(3)		Free Elective
<u>(3)</u>		Free Elective	<u>(3)</u>		Free Elective
12			12		
120	Total credit hours for degree		120	Total credit hours for degree	