

## BS Industrial Technology (BSIT)

Leading to the Bachelor of Science in Industrial Technology Degree with Minor in Business

Freshman Year		Sem. Hrs.	Sophomore Year		Sem. Hrs.
<a href="#">ENGR 1110</a>	Engineering Graphics	2	<a href="#">ECON 2010</a>	Principles of Microeconomics	3
<a href="#">ENGR 1120</a> <sup>2</sup>	Programming for Engineers	2	<a href="#">ENGL 2130</a> , <a href="#">2230</a> , or <a href="#">2330</a>		3
<a href="#">CHEM 1010</a> <b>OR</b> CHEM 1110	Introduction to Chemistry I <b>OR</b> General Chemistry I	4	<a href="#">HIST 2010</a>	American History I	3
<a href="#">ENGL 1010</a>	Writing I	3	<a href="#">HIST 2020</a>	American History II	3
<a href="#">ENGL 1020</a>	Writing II	3	<a href="#">PC 2500</a> or <a href="#">SPCH 2410</a>		3
<a href="#">MIT 1110</a>	Introduction to Manufacturing Technology	3	<a href="#">PHYS 2010</a> OR PHYS 2110 + 2111	Algebra-based Physics I  Calculus-based Physics I + Lab	4
MATH 1720	Pre-calculus II	3	<a href="#">PHYS 2020</a> OR PHYS 2120 + 2121	Algebra-based Physics II  Calculus-based Physics II + Lab	4
MATH 1830 + MIT 1835  <b>OR</b> <a href="#">MATH 1910</a>	Concepts of Calculus + Calculus for Eng. Tech. Lab  <b>OR</b> Calculus I	4	<a href="#">MIT 2000</a>	Occupational Safety	2
Humanities/Fine Arts Electives		6	PSY 2010	General Psychology	3
<a href="#">ENGR 1020</a> <sup>1</sup>	Connections to Engineering & Technology	<u>1</u>	MIT 2400	Statics and Strength of Materials	3
			<a href="#">MIT 2063</a>	Metal Manufacturing Technology	3
<b>Total</b>		<b>31</b>	<b>Total</b>		<b>34</b>

Junior Year		Sem. Hr.	Senior Year		Sem. Hr.
<a href="#">BMGT 3510</a>	Management and Organization Behavior	3	<a href="#">ACCT 3720</a>	Survey of Accounting	3
<a href="#">ECON 3610</a>	Business Statistics I	3	Business Elective <sup>3</sup>		3
<a href="#">ME 3110</a>	Physical Metallurgy and Heat Treatment	3	<a href="#">DS 3520</a>	Operations Management	3
MIT 3000	Principles of Metal Casting	2	<a href="#">MIT 4200</a>	Industrial Electronics	3
<a href="#">MIT 3060</a>	Computer Numerical Control Machining Practices	3	<a href="#">MIT 4310</a>	Plant Layout and Materials Handling	3
<a href="#">MIT 3130</a>	Maintenance Technology I	3	<a href="#">MIT 4610</a>	Engineering Technology Seminar	1
<a href="#">MIT 3200</a>	Applied Electricity and Electronics	3	<a href="#">MIT 4620</a>	Industrial Projects	3
<a href="#">MIT 3301</a>	Cad for Technology	2	Technical Electives <sup>4</sup>	Technical Electives <sup>4</sup>	6
<a href="#">MIT 3403</a>	Applied Machine Elements	3			
<a href="#">MIT 3700</a>	Manufacturing Cost Estimating	2			
<a href="#">MIT 3710</a>	Methods Design	2			
<a href="#">MIT 3730</a>	Quality Assurance	2			
<b>Total</b>		<b>31</b>	<b>Total</b>		<b>25</b>

<sup>1</sup> This course not included in 120 hour curriculum.

<sup>2</sup> MATLAB

<sup>3</sup> Business Electives: BMGT 3630, BMGT 4520, DS 3620, DS 3540, FIN 3210, LAW 3810 or MKT 3400.

<sup>4</sup> Technical Electives: 3010, 3080, 3460, 3560, 4010, 4060, 4140, 4210, 4220, 4300, 4400, 4430, 4450, 4500, 4990, ECE 3835 and ME 4430.