

Manufacturing Engineering

<u>Number</u>	<u>Course Name</u>	<u>Credits Required</u>
ISE 7883	Seminar (1)	2
ISE 5501	Fundamentals of solid state processing	3
ISE 5502/MSE 5451	Molten metal processing	3
<u>Choose one of the following:</u>		
ISE 5540	Polymer processing fundamentals	3
WE 5027	Introduction to additive manufacturing	3
ISE 5555	Machining processes & equipment	3
ISE 5193/7193	Independent study on processing	3
<u>Choose two of the following:</u>		
ISE 5193	Data analytics in mfg	3
ISE 5110	Design of eng. experiments	3
ISE 5193	Industrial process control & instrumentation	3
ME 5139	Applied finite element methods	3
ISE 5193/7193	Independent study on fundamentals	3
	Total Specified Credits	17
	Electives to achieve 30 credit hours	13
	<hr/> Total Credit Hours	<hr/> 30