

CONVERSION TABLE

AST and I Tec transition to TSM

March 9, 2006

Number	Name	Credits	Number	Name	Credits	Semester
AST 103	Further Experiencing AST	1	TSM 111	Experiencing Technology	1	S
AST 110	Experiencing AST	1	TSM 110	Introduction to Technology	1	F
AST 112X	Orientation to Learning and Productive Team Membership	1	TSM 112X	Orientation to Learning and Productive Team Membership	1	-
AST 115	Solving Technology Problems	3	TSM 115	Solving Technology Problems	3	F,S
AST 203	Sophomore Seminar	1	TSM 201	Sophomore Seminar	1	S
AST 210	Fundamentals of AST	3	TSM 210	Fundamentals of Technology	3	F
AST 215	Computer aided- Graphics Applications	2	TSM 116	Introduction to Design in Technology	3	F,S
AST 303	Junior Seminar	1	TSM 301	Junior Seminar	1	S
AST 324	Soil and Water Conservation Management	3	TSM 324	Soil and Water Conservation Management	3	S
AST 330	Agricultural Machinery and Power Management	3	TSM 330	Agricultural Machinery and Power Management	3	S
AST 333	Precision Farming Systems	3	TSM 333	Precision Farming Systems	3	F
AST 335	Tractor Power	4	TSM 335	Tractor Power	4	F
AST 337	Fluid Power Systems for Agriculture	3	TSM 337	Fluid Power Systems	3	S
AST 358	Small Power Equipment	2	Dropped	no substitute	n/a	n/a
AST 360	Electric Power and Electronics for Agriculture.	3	TSM 363X	Electric Power and Electronics for Agriculture and Industry	4	F
AST 362	Preservation of Grain Quality	3	TSM 322	Preservation of Grain Quality	3	S
AST 372X	Religion and Agricultural Sustainability	3	TSM 372X	Religion and Agricultural Sustainability	3	S
AST 373	Animal Production Systems.	3	TSM 327	Animal Production Systems	3	F
AST 397	Internship in Agricultural Systems Technology.	R	TSM 397	Internship in Technology	R	F,S, SS
AST 399	Work Experience in Agricultural Systems Technology	2	TSM 399	Work Experience in Technology	2	F,S, SS
AST 403	Senior Seminar	1	TSM 401	Senior Seminar	1	F
AST 425	Impacts of Agriculture on Water Quality	2	TSM 424	Impacts of Agriculture on Water Quality	2	F
AST 433	Advanced Precision Farming Systems	3	TSM 433	Advanced Precision Farming Systems	3	S
AST 435	Agricultural Safety	2	TSM 270	Principles of Injury Prevention	3	F
AST 460	Agricultural Electronics	2	TSM 363X	Electric Power and Electronics for Agriculture and Industry	4	F
AST 475	Manure Management	3	TSM 426	Technology Applications in Bioprocessing	3	F
AST 476	Planning Agricultural Structures & Systems	3	Dropped	no substitute	n/a	n/a
AST 490	Independent Study	1-3	TSM 490	Independent Study	1-4	F,S, SS
AST 491	Seed Science Internship Experience	1-2	TSM 491	Seed Science Internship Experience	1-2	F,S, SS
AST 493	Workshop in AST	1-4	TSM 493	Workshop in Technology	1-4	n/a
AST 497	Agricultural Systems Analysis and Planning.	3	TSM 415X	Technology Capstone I	2	F,S
			TSM 416X	Technology Capstone II	2	F,S

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Number	Name	Credits	Number	Name	Credits	Semester
ITec 110	Introduction to Industrial Technology	1	TSM 110	Introduction to Technology	1	F
ITec 120	Introduction to Design in Industrial Technology.	3	TSM 116	Introduction to Design in Technology.	3	F,S
ITec 130	Introduction to Non-metallic	3	TSM 240X	Manufacturing Processes	3	F,S
ITec 140	Electrical Fundamentals	3	TSM 363X	Electric Power and Electronics for Agriculture and Industry	4	F
ITec 202	Intro to Training	3	Dropped	No Substitute	n/a	n/a
ITec 224	Advanced Technical Graphics, Interpretation, and CAD.	3	TSM 216	Advanced Technical Graphics, Interpretation, and CAD	3	F,S
ITec 231	Introduction to Metallic Materials and Processes	3	TSM 240X	Manufacturing Processes	3	F,S
ITec 240	Analog Manufacturing Applications	2	TSM 363X	Electric Power and Electronics for Agriculture and Industry	4	F
ITec 244	Integrated Mechanical Fluid Systems	3	TSM 337	Fluid Power Systems	3	S
ITec 270	Principles of Injury Prevention	3	TSM 270	Principles of Injury Prevention	3	F
ITec 272	Introduction to Occupational Safety	2	TSM 273	Introduction to Occupational Safety	2	F
ITec 296	Fire Protection and Prevention	3	TSM 276	Fire Protection and Prevention.	3	F
ITec 330	Polymer and Composite Processing.	3	TSM 445	Polymer and Composite Processing.	3	S
ITec 336	Automated Manufacturing Processes	3	TSM 340	Automated Manufacturing Processes	3	F
ITec 340	Digital Manufacturing Applications	2	TSM 363X	Electric Power and Electronics for Agriculture and Industry	4	F
ITec 360	Total Quality Improvement	3	TSM 310	Total Quality Improvement	3	S
ITec 390	Construction Safety	2	Dropped	No Substitute	n/a	n/a
ITec 392	Safety in Manufacturing	3	TSM 370	Occupational Safety	3	S
ITec 394	Legal Aspects of Occupational Safety and Health	3	TSM 373	Legal Aspects of Occupational Safety and Health	2	F
ITec 395	Seminar in Industrial Technology	1	TSM 301	Junior Seminar	1	S
ITec 408	Interdisciplinary Problem Solving	3	TSM 408	Interdisciplinary Problem Solving	3	F,S
ITec 409	Interdisciplinary Systems Effectiveness.	3	TSM 409	Interdisciplinary Systems Effectiveness.	3	F
ITec 410	Facility Planning	3	TSM 444	Facility Planning	3	F
ITec 423	Statics	3	TSM 443X	Statics, Strength of Materials and Testing For Technology	3	F
ITec 433	Materials Testing	2	TSM 443X	Statics, Strength of Materials and Testing For Technology	3	F
ITec 435	Computer Automated Manufacturing Systems	3	TSM 440	Computer Automated Manufacturing Systems	3	F,S
ITec 440	Electrical Outputs for Manufacturing	2	TSM 363X	Electric Power and Electronics for Agriculture and Industry	4	F
ITec 446	Automation Systems	3	TSM 465	Automation Systems	3	S
ITec 470	Industrial Hygiene: Chemical and Biological Hazards	3	TSM 470	Industrial Hygiene: Chemical and Biological Hazards	3	S
ITec 471	Industrial Hygiene: Physical Hazards.	3	TSM 471	Industrial Hygiene Laboratory	1	S
			TSM 477X	System Safety	3	F
ITec 481	Supervised Industrial Internship Experience	2	TSM 492	Supervised Industrial Internship Experience	2	F,S
ITec 490	Independent Study	1-4	TSM 490	Independent Study	1-4	F,S, SS
ITec 493	Workshop in Industrial Technology	1-4	TSM 493	Workshop in Technology	1-4	n/a