



**SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS**

institution following the approve of the program change? Please explain:

7. Primary Aspects of the Modification:

Existing Curriculum

Proposed Curriculum (highlight changes)

Pref.	Num.	Title	Cr. Hrs.	Pref.	Num.	Title	Cr. Hrs.
		Systems General Education Requirements					



Existing Curriculum

Proposed Curriculum (highlight changes)

Pref.	Num.	Title	Cr. Hrs.	Pref.	Num.	Title	Cr. Hrs.
				LDR	210	Foundations of Leadership	3
				LDR	435	Organizational Leadership and Team Development	3
MGMT	360	Organization and Management	3	MGMT	360	Organization and Management	3
				MKTG	370	Marketing	

Existing Curriculum

Proposed Curriculum (highlight changes)

Pref.	Num.	Title	Cr. Hrs.	Pref.	Num.	Title	Cr. Hrs.
OR AST and AST	313, 313L	Farm Machinery Systems Mgmt and Lab (credit 2, 1)		AST and AST	313, 313L	Farm Machinery Systems Mgmt and Lab (credit 2, 1)	
CSC	130	Visual Basic Programming (COM)	3	CSC	130	Visual Basic Programming (COM)	3
ET	210	Introduction to electronic Systems	3	ET	210	Introduction to electronic Systems	3
ET	210L	Introduction to Electronic systems lab	1	ET	210L	Introduction to Electronic systems lab	1
ET	232	Digital Electronics and Microprocessors	3	ET	232	Digital Electronics and Microprocessors	3
ET	232L	Digital Electronics and Microprocessors Lab	1	ET	232L	Digital Electronics and Microprocessors Lab	1
ET	240	Techniques of Servicing	3	ET	240	Techniques of Servicing	3
GEOG	372	Introduction To GIS	2	GEOG	372	Introduction To GIS	2
GEOG	372L	Introduction To GIS Lab	1	GEOG	372L	Introduction To GIS Lab	1
GEOG	483	UAS Remote Sensing	2	GEOG	483	UAS Remote Sensing	2
GEOG	483L	UAS Remote Sensing Lab	1	GEOG	483L	UAS Remote Sensing Lab	1

P()JT2:

This emphasis area will also better prepare students for careers working with farm machinery at equipment dealerships, supporting the equipment that is utilized for all areas of crop and livestock production.

Moved ACCT 210 Principles of Accounting I from a major requirement to the Business and Management Emphasis and replaced ACCT 210 with AGECE 274 Agribusiness Sales. AGECE 274 is a new course and aligns very closely with the skillsets required of an AST graduate. A large percentage of AST students obtain career paths that is directly or indirectly related to sales. This course will better prepare students to be successful in those career paths. ACCT 210 has been moved to the Business and Management emphasis as it aligns well with students seeking a strong business background.

Rather than choosing AST 213-213L Ag, Industrial and Outdoor Power & Lab or AST 313-313L Farm Machinery Systems Management and Lab, students will now be required to take both courses. This requirement dates back many years, and as machinery systems and power systems have advanced, it is now essential students take both courses to prepare for a career in the farm machinery industry. Machinery has advanced and it is essential to the ag industry that our graduates have a strong background in this area to ensure adequate support of ag equipment.

Added FIN 280 Personal Finance to Major Requirements. This course covers common topics such as real estate planning, health insurance, life insurance, etc. that all students need to understand, no matter what career path they choose.

Removed the requirement that all students take MATH 120 Trigonometry and will now require students to choose from MATH 120 Trigonometry OR STAT 281 Introduction to Statistics. The emphasis areas allow students to take different paths, and this allows them to select a math course that best aligns with the chosen emphasis area.

Required PRAG 345 Chemical Applications Systems in Agriculture. This course focuses on spray application systems and was created 5 years ago for the Precision Ag program. With its machinery focus, it is also essential that AST students complete this course.