Approved List of Group II Courses
(Supporting Courses – meets "Building Foundations" requirement under AUCC [Category 4B])
Choose three courses, 9 total hours minimum.

Class	Credits	Name
CIS 350	3	Operating Systems and Networks
CIS 355	3	Business Data Systems
CIS 360	3	Systems Analysis and Design
CIS 410	3	Web Application Development
CIS 413	3	Advanced Networking and Security
CIS 460	3	Object-Oriented Systems
CIS 462	3	Systems Development Project
E 320	3	Introduction to the Study of Language
ECE 311	3	Linear System Analysis I
ECE 312	3	Linear System Analysis II
ECE 325	3	Telecommunications Networks
ECE 331	4	Electronics Principles I
ECE 332	4	Electronics Principles II
ECE 411	4	Control Systems
ECE 412	3	Digital Control and Digital Filters
ECE 421	3	Telecommunications I
ECE 422	3	Telecommunications II
ECE 451	3	Digital System Design
JTC 372	3	Web Design and Management
JTC 413	3	New Communication Technologies and Society
MATH 301	3	Introduction to Combinatorial Theory
MATH 317	4	Advanced Calculus of One Variable
MATH 331	3	Introduction to Mathematical Modeling
MATH 332	3	Partial Differential Equations
MATH 335	3	Projects in Applied Mathematics
MATH 340	4	Introduction to Ordinary Differential Equations
MATH 345	4	Differential Equations
MATH 360	3	Mathematics of Information Security
MATH 366	3	Introduction to Abstract Algebra
MATH 369	3	Linear Algebra
MATH400A	3	Topics in Mathematics – Differential Geometry
MATH400B	3	Topics in Mathematics – Fractals
MATH400C	3	Topics in Mathematics – Number Theory
MATH400D	3	Topics in Mathematics – Topology
MATH405	3	Number Theory

MATH 417	3	Advanced Analysis
MATH 419	3	Introduction to Complex Variables
MATH 450	3	Introduction to Numerical Analysis I
MATH 451	3	Introduction to Numerical Analysis II
MATH 460	3	Information and Coding Theory
MATH 470	3	Euclidian and Non-Euclidian Geometry
MECH 307	4	Mechatronics and Measurement Systems
NR 322	4	Introduction to Geographic Information Systems
NR 323	3	Remote Sensing of Natural Resources
NR 422	4	GIS Applications in Natural Resource Management
NR 423	1	Applications of Global Positioning Systems
PH 314	4	Introduction to Modern Physics
PH 315	2	Modern Physics Laboratory
PH 325	2	Advanced Physics Laboratory
PH 341	4	Mechanics
PH 351	4	Electricity and Magnetism
PH 353	4	Optics and Waves
PH 361	3	Physical Thermodynamics
PH 451	3	Introductory Quantum Mechanics I
PHIL 305 F	3	Philosophical Issues in the Professions – Information Science
PHIL 410	3	Formal Logic
PHIL 415	3	Logic and Scientific Method
PSY 354	3	Human-Computer Interaction
PSY 452	3	Cognitive Psychology
PSY 456	3	Sensation and Perception
STAT 302	3	Design of Experiments (old course #)
STAT 305	3	Sampling Techniques
STAT 310	3	Data Analysis Database Management Tools (old course #)
STAT321	3	Elementary Probabilistic-Stochastic Modeling
STAT 340	3	Multiple Regression Analysis
STAT 350	3	Design of Experiments
STAT 372	3	Data Analysis and Database Management Tools
STAT 420	3	Probability and Mathematical Statistics I
STAT 430	3	Probability and Mathematical Statistics II
STAT 460	3	Applied Multivariate Analysis