

Program Workplace-Learning Requirements Report

Effective November 8, 2010

Program Name	Workplace-based Requirements	Program Mission Statement
Program - Health Care Systems Administration (B.S.)	Required for ALL graduates	Building upon the mission, vision and values of Ferris State University and the College of Allied Health Sciences, the Health Care Systems Administration program, in collaboration with our healthcare partners, prepares and supports ethical leaders who are equipped to meet the challenges of a rapidly changing environment.
Program - Television and Digital Media Production (B.S.)	Required for ALL graduates	The purpose of the Television and Digital media Production program is to provide opportunities for student learning in the creative and technical communication skills necessary to develop successful careers in Television and Digital Media Production.
Program - Biotechnology (B.S.)	Required for ALL graduates	The biotechnology program will provide students a quality undergraduate education and a strong foundation in the principles of biology, chemistry, and the biomolecular sciences. A program graduate will have acquired advanced technical laboratory skills and an ability to communicate these skills effectively both orally and in writing. These skills will position the graduate for success in graduate and professional schools or in careers in the biotechnology industry.
Program - Criminal Justice Administration (M.S.)	Not applicable	The Master of Science in Criminal Justice Administration provides high quality education to criminal justice professionals, administrators and traditional students. The program develops the theoretical and analytical knowledge of students to prepare them for advancement in their field or preparation for law school or doctoral studies.
Program - Nuclear Medicine (B.S.)	Required for ALL graduates	Building upon the mission, vision and values of the College of Allied Health Sciences the Nuclear Medicine Technology Program prepares highly qualified and competent professionals for successful and rewarding careers as Nuclear Medicine Technologists
Program - Technical and Professional Communication-Scientific and Medical writing concentration (B.S.)		The Technical and Professional Communication Program is committed to preparing students for careers in communication in various government and business settings where they can serve as intermediaries between scientists, researchers, and technical specialists and specialists in other field or the general public.
Program - Dental Hygiene (A.A.S.)	Required for ALL graduates	Building upon the mission, vision and values of the college of Allied Health Sciences, the Dental Hygiene program will be a leader in providing opportunities for innovative teaching and learning in career-oriented technologies of the professional education of entry-level dental hygienists.
Program - Business Administration (M.B.A.)	Recommended only	<p>The Graduate Program's Core Beliefs:</p> <p>About the College of Business Graduate Program's Organizational Philosophy Successful organizations of the future will practice the philosophy of continuous improvement.</p> <p>Successful organizations want to hire graduates who have been exposed to the most current information technologies thinking and practice.</p> <p>Successful organizations routinely utilize teams for problem-solving and decision-making.</p> <p>Successful organizations listen to their customers; our students are our primary customers.</p> <p>About the Learning Environment</p> <p>Value is added when a globally diverse student body interacts in the learning environment.</p>

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Program - Business Administration (M.B.A.)	Recommended only	<p>By utilizing a variety of instructional modalities, learning will improve for all students.</p> <p>Faculty members in the program embrace a learner-centered approach to education, facilitated by technology to assist in spanning time and space.</p> <p>A stimulating graduate experience creates a life-long quest for learning in each student.</p> <p>The physical and electronic learning communities modeled by this program will be replicated by program graduates in organizations throughout the world.</p> <p>The curriculum is flexible and designed to reflect rapidly changing business practices.</p> <p>About Graduate Program Faculty</p> <p>Program faculty members continually update their skills to remain current in the practice of organizational philosophies and information technologies, that the program reflects.</p> <p>Program faculty members routinely utilize teams, collaborative learning practices and strive for continuous improvement the teaching/learning process.</p> <p>Program faculty members work as a team, exhibit a passion for their program, share an enthusiasm and joy for teaching and learning, and are committed to serving their students.</p> <p>The Graduate Program Vision</p> <p>The College of Business will be distinctive for its provision of highly regarded career-oriented business education, adding value to our students through innovative teaching and learning processes, ensuring that they are well-prepared to make immediate contributions to their employers and society upon graduation. Our graduates will be sought because their competencies are of high quality and are consistent with current and future workplace needs.</p> <p>Faculty in the CBGP program has a shared vision of what the program should be and can become and practice the program's core beliefs.</p>
Program - Applied Speech Communication (B.S.)	Required for ALL graduates	To provide students with an understanding of essential human communication processes and practices for successful careers, responsible citizenship, and lifelong learning.
Program - Welding Engineering Technology (B.S.)	Required for ALL graduates	<p>Welding Engineering Technology mission statement established 2000</p> <p>To continuously define the profession by producing Welding Technology and Welding Engineering Technology graduates whose knowledge, skills, and attitudes are nationally recognized.</p>
Program - Accountancy (A.A.S)	Recommended only	The mission of the Accountancy program is to provide the State of Michigan with a supply of accounting graduates who can respond to the changing needs of the business community. The department also provides support for other programs within Ferris State University.
Program - History (B.A.)	Recommended only	The program supplies curricula to students that make them more aware of the world at local, national, and international levels, a knowledge base that helps them contextualize the contemporary situations in which they find themselves. In this sense, the program serves all majors at the University by helping to enrich our students' understanding of the historical frameworks in which all careers operate. In addition the program develops powerful critical thinking and evaluate skills that help students effectively deal with the constellation of choices and changes that are implicit in contemporary American

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Program - History (B.A.)	Recommended only	society and culture.
Program - Radiography (A.A.S.)	Required for ALL graduates	Building upon the mission, vision and values of the College of Allied Health Sciences, the Radiography program's mission is to provide the highest quality instruction and to prepare the student to excel in the professional challenges and responsibilities of an entry-level radiographer
Program - Professional Golf Management (B.S.)	Required for ALL graduates	The mission of the Professional Golf Management program is to prepare students for a variety of careers in the golf profession. The mission is accomplished by offering a diverse array of specialized marketing courses and hands-on, golf-related workshops, through the endorsement of the Professional Golf Association of America (PGA), and a unique internship program, allowing students to obtain advanced credit toward PGA membership.
Program - Finance (B.S.)	Recommended only	The mission of the Finance program is to offer students a major or minor in finance and a dual major in Accounting/Finance to enable students to obtain employment, to become more informed citizens and to contribute to the economic environment of the United States.
Program - Curriculum and Instruction (M. Ed.)	Required for SOME graduates (based on emphasis)	The mission of the School of Education is to prepare students for careers as quality educators whose contributions will enrich lives through dedication to leadership, life-long learning, reflection, and collaboration in the classroom, school and greater community.
Program - Diagnostic Medical Sonography (A.A.S.)	Required for ALL graduates	To prepare graduates with the knowledge, skills and professional behaviors needed to function effectively as entry-level sonographers
Program - Psychology (B.S.)	Required for SOME graduates (based on emphasis)	
Program - Respiratory Care (A.A.S.)	Required for ALL graduates	Building upon the mission, vision and values of the College of Allied Health Sciences, the Respiratory Care program's mission is to provide the highest quality instruction and to prepare the student to excel in the professional challenges and responsibilities of an entry-level respiratory therapist
Program - Applied Speech Communication (A.A.S.)	Recommended only	To provide students with an understanding of essential human communication processes and practices for successful careers, responsible citizenship, and lifelong learning.
Program - Liberal Arts (A.A.)		
Program - Professional Tennis Management (B.S.)	Required for ALL graduates	The mission of the Professional Tennis Management program (PTM) is to prepare students for a wide variety of careers in marketing or resort management/tennis and provide the tennis and leisure industry a continuous supply of graduates capable of contributing to their profession and society in the state of Michigan, the United States and beyond. Accredited by the United State Tennis Association (USPTA) as the first program of its kind in the country, this program's mission is accomplished through a unique combination of study and practical experiences designed to meet the needs of employers in this steadily growing industry.
Program - Operations and Supply Management (B.S.)	Required for ALL graduates	<p>The mission of the Operations Management Program is to prepare graduates for careers in the field of business operations. The program combines business and technological disciplines to provide graduates with the requisite skills in both theory and practice.</p> <p>Purpose</p> <ol style="list-style-type: none"> 1.To provide students with specific marketable skills in operations management. 2.To assist students in becoming and remaining competitive in an expanding, changing, and complex global economy. 3.To provide students with a background for career advancement and growth as well as personal growth and satisfaction. 4.To provide students with the basis for making decisions using the most appropriate information technology and current

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Program - Operations and Supply Management (B.S.)	Required for ALL graduates	<p>techniques while considering the societal and ethical impact of those decisions.</p> <ol style="list-style-type: none"> 5.To provide students with a foundation of relevant theory, and exposure to contemporary and emerging management practices, and opportunities for application of the concepts. 6.To maintain a timely curriculum that reflects the needs of society, business and the students. 7.To provide students with opportunities for professional and personal growth and development. <p>Goals</p> <ol style="list-style-type: none"> 1.To develop students? competency with respect to contemporary and future operations management practices by focusing on relevant theory and practice and providing opportunities for application of the concepts. 2.To develop knowledge and skills for adapting to a dynamic society by integrating a global perspective. 3.To integrate the application of appropriate information technology into the curriculum 4.To ensure faculty development in needed areas, especially in the area of appropriate information technology and alternative teaching methodologies. 5.To encourage students? participation in activities that contributes to their professional and personal growth and development. 6.To increase enrollment and retention in the program. 7.To improve the assessment of student academic outcomes.
Program - General Business (A.A.S.)	Recommended only	<p>The mission of the General Business program is to prepare graduates with the ability to obtain employment and to make a seamless transition into four-year programs. The program also serves as a vehicle for students unsure of their interest in a specific area of business to become familiar with the variety of programs offered in the College of Business. Further, the program provides an opportunity for certain groups of students to attend college with substantial financial aid.</p> <p>Purpose</p> <ol style="list-style-type: none"> 1.To provide students with beginning skills in business 2.To provide a relatively seamless transfer into a four-year program 3.To encourage exploration of a variety of business career options 4.To provide a mechanism for certain groups to attend college who might not otherwise be able to afford a college experience 5.To encourage professional and personal development. 6.To encourage completion of the General Business program or transfer into a four-year business program <p>Goals</p> <ol style="list-style-type: none"> 1.To increase students? knowledge of basic business practices. 2.To encourage successful students to transfer into one of several four-year programs offered by the college. 3.To assist the students in determining the field of business in which they are most interested 4.To enhance the employability of certain groups by providing through a basic two-year business college program. 5.To encourage membership in professional business organizations in order to maximize the students ties to business careers and to contribute to their personal development. 6.To increase enrollment and retention in the General Business program or other College of Business programs.
Program - Political Science (B.S.)	Required for ALL graduates	The Social Sciences Department, through excellence in instruction, readies students to effectively navigate the increasingly complex, diverse, and globally connected world by providing them with knowledge of themselves, others, and the dynamic

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Program - Political Science (B.S.)	Required for ALL graduates	social environment. By means of hands-on exposure to scientific theory, research, and practice, the Department of Social Sciences develops students who are socially responsible, engaged, and prepared for both work and continuing education in the social/behavioral sciences and related fields.
Program - Pre-Science (A.S.)		
Program - Health Information Management (B.S.)	Required for ALL graduates	Building upon the mission, vision and values of Ferris State University and the College of Allied Health Sciences, the Health Information program's mission is to provide leadership in the education of health information professionals to meet the current and emerging needs of the state and region.
Program - Management (B.S.)		<p>PROGRAM DELETED FROM OFFERINGS 2009. The mission of the management program is to equip prospective managers with both the technical and human skills central to the functioning of contemporary managers so that those managers may contribute to the economic vitality of the state and enjoy the benefits and responsibilities of full citizenships in an increasingly complex society.</p> <p>Purpose</p> <ol style="list-style-type: none"> 1.To provide students with marketable skills 2.To assist students in becoming and remaining competitive in an expanding, changing, and complex economy. 3.To provide students with a background for career advancement and growth as well as personal growth and satisfaction. 4.To provide students with the basis for making decisions using the most appropriate information technology while simultaneously considering the societal and ethical impact of those decisions. 5.To provide students with a foundation of relevant theory, an exposure to contemporary and emerging management practices, and opportunities for application of the concepts. 6.To maintain a timely curriculum that reflects the needs of society, business, and the students. 7.To provide students with opportunities for personal growth and development. <p>Goals</p> <ol style="list-style-type: none"> 1.To increase student?s competency with respect contemporary and future management practices by focusing on relevant theory and practice and providing increasing opportunities for application of the concepts. 2.To develop knowledge and skills for adapting to a dynamic society by continuing to integrate a global perspective. 3.To integrate the application of appropriate information technology into the curriculum. To ensure faculty development in needed areas, especially in the area of appropriate information technology. 4.To encourage student?s participation in curricular and extracurricular activities that contributes to their professional and personal growth and development.
Program - Communication (B.A.)	Recommended only	To provide students with an understanding of essential human communication processes and practices for successful careers, responsible citizenship, and lifelong learning.
Program - Automotive Engineering Technology (B.S.)	Required for ALL graduates	To continuously define the profession by producing Automotive Engineering Technology graduates whose outstanding knowledge, skills, and attitudes are globally recognized.
Program - Ornamental Horticulture Technology	Required for ALL graduates	The mission of the Ornamental Horticulture Technology Program o is to prepare students for employment in the ornamental horticulture industry. The Ornamental Horticulture Technology Program integrates foundational courses in the plant

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(A.A.S.)	Required for ALL graduates	sciences, hands-on laboratory experiences and courses in general education resulting in graduates that are in high demand by industry. At the conclusion of the two-year curriculum, the Associates of Applied Science degree is conferred. Students will be ready to assume their place as professionals in the horticulture industry and as citizens in our society.
Program - Secondary Education (B.S.)	Required for ALL graduates	The mission of the School of Education is to prepare students for careers as quality educators whose contributions will enrich lives through dedication to leadership, life-long learning, reflection, and collaboration in the classroom, school and greater community.
Program - Multicultural Relations in U.S. Minor	Not applicable	
Program - Graphic Design (A.A.S.)	Not applicable	The mission of the Graphic Design program is to offer students sequential specialized classes to develop well educated and prepared design professionals who are able to contribute, through employment, to the economic vitality in the state of Michigan and to the global business community. This mission is accomplished through teaching students a combination of conceptual thinking skills and practical applications incorporating the appropriate technology used in the industry.
Program - Business Core Program	Recommended only	
Program - Career and Technical Education - Administration (M.S.)	Required for SOME graduates (based on emphasis)	The mission of the School of Education is to prepare students for careers as quality educators whose contributions will enrich lives through dedication to leadership, life-long learning, reflection, and collaboration in the classroom, school and greater community.
Program - Health Information Technology (A.A.S.)	Required for ALL graduates	Building upon the mission, vision and values of Ferris State University and the College of Allied Health Sciences, the Health Information program's mission is to provide leadership in the education of health information professionals to meet the current and emerging needs of the state and region.
Program - Nursing (B.S.N)	Required for ALL graduates	The undergraduate program in nursing is designed to provide innovative baccalaureate programming that prepares graduates for roles in current professional nursing practice and to effectively contribute to future changes in the nursing profession and health care delivery system
Program - Technical Education (B.S.)	Required for ALL graduates	The mission of the School of Education is to prepare students for careers as quality educators whose contributions will enrich lives through dedication to leadership, life-long learning, reflection, and collaboration in the classroom, school and greater community.
Program - American Studies Minor	Not applicable	will be established in 2010-2011 academic year
Program - Industrial Chemistry Technology (A.A.S.)	Recommended only	The mission of the Industrial Chemistry Technology (ICT) program is to provide students with the practical, analytical and synthetic skills needed to work successfully in the chemical (or related) industries.
Program - Automotive Management (B.S.)	Required for ALL graduates	To continuously define the profession by producing Automotive Management graduates whose knowledge, skills and attitudes are nationally recognized.
Program - Information Systems Management (M.S.)	Not applicable	The program provides the ethical and intellectual framework to effectively manage information systems and technology in an increasingly competitive and security-conscious environment.
University College - FSUS Program		The purpose of the Ferris State University Seminar courses is to provide first-year students with personal connections, knowledge, and resources that will enhance their potential for learning, safety, satisfaction and graduation.
Program - Recreation Leadership and Management (B.S.)	Required for ALL graduates	The Department of Recreation, Leisure Services and Wellness will provide nationally recognized academic programs in recreation, parks and leisure services. A) The Recreation Leadership and Management Program will provide competent

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Program - Recreation Leadership and Management (B.S.)	Required for ALL graduates	<p>professionals for recreation, parks and leisure service. Opportunities for academic specialization will include: corporate fitness and wellness, leisure service programming, outdoor/adventure education and sports management.</p> <p>B) The learning environment will utilize the latest technologies to enhance course content learning and stimulating instructional methodologies. The student learning will use service learning practical experience projects and learner-based approaches to curriculum content.</p> <p>C) The Department will provide curricular and general student support through a wide variety of leisure activities, wellness and health education course offerings.</p> <p>D) The general student body will be provided with opportunities for instruction and experiences that will enhance their present and future lifelong fitness, wellness and recreation.</p>
Program - Optometry (O.D.)	Required for ALL graduates	The mission of the Michigan College of Optometry at Ferris State University is to provide Excellence, Leadership, and Innovation in optometric education.
Program - Nursing (M.S.)	Required for ALL graduates	The graduate program in nursing is designed to provide an innovative curriculum that prepares graduates to assume advanced leadership roles in specialty areas of practice that are focused on improving health care systems and advancing the nursing profession
Program - English (B.A.)		The English B. A. prepares students for an array of career opportunities and provides a solid foundation for continuing study in English, business, law, public service, government, teaching, or communications. The program emphasizes strong communication and analytical skills that enable students to be adaptable and prepared for the workplace. Moreover, the program encourages creativity, willingness to consider multiple interpretations of texts, and engagement in critical thinking.
Program - Facility Management (B.S.)	Required for ALL graduates	<p>The mission of the Bachelor of Science in Facility Management degree program is to be a nationally recognized program that: provides students with a foundation of concepts, skills and values to effectively begin the practice of facility management; and instills the value of lifelong learning.</p> <p>Assessment that measures the fulfillment of this mission includes:</p> <ul style="list-style-type: none"> - Student demonstration of the ability to think effectively and develop critical thinking skills partnered with vocational readiness. - Student demonstration of awareness, knowledge and/or competency in course specific skills ad content. <p>*Course outlines are designed to address ad weigh content in terms of awareness, knowledge and/or competency based on the nine core competencies developed by IFMA (International Facility Management Association).</p> <ul style="list-style-type: none"> - Successful completion the FM internship including positive evaluation from the intern site. - The ability of students to successfully find employment and/or continue their education.
Program - Human Resource Management (B.S.)	Recommended only	<p>The mission of the human Resource Management program is to prepare students for the positions in the Human Resource field. This mission is accomplished by offering students a comprehensive background in business and a variety of courses dealing with the function involved in Human Resource management (for example, Selection, Compensation, Interviewing, Training/Development, Collective Bargaining, Labor law, and health Insurance.)</p> <p>Purpose:</p> <ol style="list-style-type: none"> 1.To provide students with marketable skills. 2.To provide students with a background for career advancement and growth. 3.To assist students in becoming and remaining competitive in an ever expanding, changing and complex global economy. 4.To provide students with the basis of making decisions using the most appropriate information technology, while

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Program - Human Resource Management (B.S.)	Recommended only	<p>considering the societal impact of their decisions.</p> <p>5.To provide students with a foundation of relevant business theory and its application in the real world.</p> <p>6.To provide students with a foundation of relevant theory in all aspects of Human Resource Management and its application in the real world.</p> <p>7.To be responsive in our curricula to the ever-changing needs of business, students, and the professions.</p> <p>8.To provide students with an opportunity for personal growth and the development of leadership skills.</p> <p>Goals:</p> <p>1.To increase students? competence in the field of Human Resource Management.</p> <p>2.To maintain, through program content, the capability of students to gain needed business experience for eventual employment in Human Resource Management.</p> <p>3.To increase students? competence in decision-making.</p> <p>4.To increase students? competence in communication.</p> <p>5.To increase students? knowledge and competence in the most current hands-on technology in Human Resource Management.</p> <p>6.To increase students? global perspectives in the field of Human Resource Management.</p> <p>7.To increase support for faculty development.</p>
Program - Integrative Studies (B.I.S.)	Recommended only	
Program - Pharmacy (Pharm. D.)	Required for ALL graduates	<p>"The College of Pharmacy fosters the development of its students, faculty and pharmacists into practitioners who positively influence the health outcomes of the people of Michigan, the Great Lakes region, the nation and the global community."</p> <p>In achieving its mission, the College of Pharmacy is guided by the Vision and Core Values of Ferris State University and is committed to:</p> <p>A) Providing the highest quality pharmacy professional education to students and practitioners;</p> <p>B) Promoting the delivery of patient-centered care by pharmacists that are committed to the safe and appropriate use of medications.</p> <p>C) Developing and maintaining relationships with alumni, professional associations and the health care industry which advance the goals and objectives of the college and the profession;</p> <p>D) The personal and professional development of each faculty member to meet the pedagogical, scholarly and service demands of a dynamic curriculum and profession; and</p> <p>E) The creation of a professional community that embodies the principles of ethics, fairness, honesty, civility and respect for peoples? diversity in ideas, beliefs and cultures.</p>
Program - Spanish		
Program - CAD Drafting/Tool Design Technology (A.A.S.)	Not applicable	Our mission is to prepare students to meet the needs of the worldwide manufacturing industry in the areas of entry level: Designers in plastics injection molds and metal die stamping dies. Our graduates will also attain CAD abilities to describe complex part and tool geometry utilizing state of the art CAD software.
Program - Construction Management (B.S.)	Not applicable	To educate students in Building Construction Technology, Civil Engineering Technology and Construction Management through a broad based foundation of appropriate technical ad general education courses that will provide them with highly competitive skills and knowledge, construction related employment opportunities at graduation and the potential for advancement in their career.
Program - Biology (B.S.)	Required for SOME graduates (based on	The Biology B.S. program will provide graduates with a solid foundation of knowledge in the major disciplines of biology and develop skills of observation, analysis and critical thinking so that they are well prepared for entry into professional school,

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Program - Biology (B.S.)	emphasis)	graduate school, or the workforce.
Program - Sociology (B.A.)	Recommended only	Sociology at Ferris is Designed to be a Sociology that matters. Through theory, methods and academic coursework combined with community based experiences, students learn skills and receive experience to apply these skills.
Program - Computer Information Systems (B.S.)	Required for ALL graduates	To provide an outstanding, flexible, supportive learning environment for students preparing for careeers in information technology.
Program - Automotive Service Technology (A.A.S.)	Not applicable	To continuously define the profession by producing Automotive Technician graduates whose knowledge, skills, and attitudes are nationally recognized.
Program - Theatre Arts Minor	Not applicable	The Theatre Area & University Theatre at FSU enhances students? degrees through the study of theatre as part of a culture?s expression. The program provides students with a broad understanding of the art and craft of theatre through applied practice of theatre techniques, preparing students for careers in a variety of fields. Theatre productions at FSU offer an outlet for students? creative process and personal growth as well as providing the university with theatrical entertainment that enriches the FSU community.
Program - Heavy Equipment Technology (A.A.S.)	Required for ALL graduates	Educating future leaders for the heavy equipment industry that are creative, technically advanced with the knowledge to develop a theory and the practical skills to implement new concepts.
Program - Electrical/Electronics Technology (B.S.)	Required for ALL graduates	Provide students instruction so that they become knowledgeable, skilled and responsible people in the areas of automation, computer-based systems, networks or electronics where employment is a realistic probability both now and in the future.
Program - Legal Studies (A.A.S.)	Recommended only	<p>The mission of the Legal Studies Program at Ferris State University is to equip students with both the technical and human skills necessary to function as paralegals or in similar law related occupations. This mission is accomplished by providing students with a strong general education background, a series of legal specialty courses, and option which enable students to specialize and to integrate into Bachelor degree programs at Ferris State University.</p> <p>More specifically, the Mission Statement for the Legal Studies Program identifies the following goals for the program.</p> <p>Purpose</p> <ol style="list-style-type: none"> 1.To increase student knowledge in relevant substantive and procedural areas of the law. 2.To demonstrate competence in legal research 3.To increase problem solving and communication skills. 4.To demonstrate competent writing skills in the creation of pleadings and legal documents. 5.To increase student participation in appropriate professional organizations and other extracurricular activities that contributes to their professional and personal growth. 6.To increase knowledge and skills for adapting to a dynamic society by continuing require appropriate liberal arts courses. 7.To increase the students? utilization of data base retrieval systems in legal research. 8.To increase the students? knowledge of microcomputer systems and the appropriate software. 9.To increase the students? understands of ethical dilemmas in all area of the legal profession. <p>The goals are accomplished by offering a curriculum that emphasizes the following:</p> <p>Goals</p> <ol style="list-style-type: none"> 1.Legal research and writing. 2.A board survey of all major substantive and procedural areas of the law.

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Program - Legal Studies (A.A.S.)	Recommended only	3.Computer Skills 4.Document and pleading preparation, and 5.A strong liberal arts background.
Program - Computer Information Systems (A.A.S.)	Recommended only	
Program - Building Construction Technology (A.A.S.)	Not applicable	To educate students in Building Construction Technology, Civil Engineering Technology and Construction Management through a broad based foundation of appropriate technical and general education courses that will provide them with highly competitive skills and knowledge, construction related employment opportunities at graduation and the potential for advancement in their careers.
Program - Industrial Technology and Management (B.A.S.)	Not applicable	The Industrial Technology and Management program expects to produce graduates who within two years of graduation are prepared with the depth of knowledge, breadth of experiences and an attitude of professionalism that will enable them to contribute in a supervisory and/or managerial capacity role in a manufacturing or industrial facility as described in the objectives and outcomes.
Program - Biology (B.A.)	Required for SOME graduates (based on emphasis)	The Biology B.A. program will provide graduates with an education that integrates the liberal arts with the major disciplines of biology. Students will develop skills of observation, analysis, and critical thinking so that they are well prepared for entry into professional school, graduate school, or the workforce.
Program - Business Administration (B.S.)	Recommended only	<p>The mission of the Business Administration program is to prepare graduates with the technical and human skills that are essential in today?s business environment. The program is structured to provide a board base of business disciplines to produce graduates with optimum flexibility in career choices.</p> <p>Purposes</p> <ol style="list-style-type: none"> 1. To provide students with marketable skills in broad business areas to permit optimum flexibility in career choices. 2.To assist students in becoming and remaining competitive in an ever-expanding, changing and complex global economy. 3.To provide students with the basis for making a variety of decisions using the most appropriate information technology and current techniques, including a consideration of the societal and ethical impact of those decisions. 4.To provide students with a foundation of relevant theory, and exposure to contemporary and emerging management practices, and opportunities for application of the concepts. 5.To maintain a timely curriculum that reflects the needs of society, business, and the students. 6.To provide students with opportunities for personal growth and development. <p>Goals</p> <ol style="list-style-type: none"> 1.To develop students? competency with respect to contemporary and future management practices by focusing on relevant theory and practice and providing a variety of opportunities for application of the concepts. 2.To provide students with a broad range of courses to develop maximum career flexibility. 3.To develop knowledge and skills for adapting to the dynamic society by continuing to integrate a global perspective. 4.To integrate the application of appropriate information technology into the curriculum. 5.To ensure faculty development in needed areas, especially in the area of appropriate information technology and alternative teaching techniques. 6.To encourage student participation in activities that contributes to their personal growth and development. 7.To increase enrollment and retention in the program. 8.To improve the assessment of student academic outcomes.

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Program - Computer Networks and Systems (B.S.)	Required for ALL graduates	Provide students instruction so that they become knowledgeable, skilled and responsible people in the areas of automation, computer-based systems, networks or electronics where employment is a realistic probability both now and in the future.
Program - Marketing (B.S.)	Recommended only	The Marketing Program prepares graduates to generate and exploit marketing knowledge on behalf a business or other organization through effective application of marketing principles, strategies, and techniques. Graduates are prepared to enter and succeed in a career path that contributes to their own success as well as the economic vitality of their employer, the State of Michigan, and the global community.
Program - Civil Engineering Technology (A.A.S.)	Not applicable	To educate students in Building Construction Technology, Civil Engineering Technology and Construction Management through a broad based foundation of appropriate technical and general education courses that will provide them with highly competitive skills and knowledge, construction related employment opportunities at graduation and the potential for advancement in their careers.
Program - HVACR Engineering Technology (B.S.)	Required for ALL graduates	HVACR provides quality education and training that emphasizes practical skills, and prepares the student to analyze, synthesize and solve problems. This is accomplished in state-of-the-art facilities with highly qualified instructors.
University College - Honors Program	Required for SOME graduates (based on emphasis)	The purpose of the Honors Program is to provide intellectual challenges, resource opportunities, and support to highly able and motivated students, while encouraging service and leadership for the public good.
Program - Applied Mathematics (B.S.)	Recommended only	The mission of the Applied Mathematics program is to develop students who will be able to apply mathematical principles, theory and concepts in analyzing and solving real-world problems.
Program - Architectural Technology (A.A.S.)	Not applicable	The mission of the Architectural Technology Degree program is to provide students with a foundation of architectural concepts, skills and values necessary to continue education for advanced degrees I programs related to the built environment or enter the employment market at an entry-level position in architecture and professions related to the built environment. - Student demonstration of the ability to think effectively and develop critical thinking skills partnered with vocational readiness. - Student demonstration of awareness, knowledge and/or competency in course specific skills and content. * Course outlines are designed to address ad weigh content in terms of awareness, knowledge and/or competency regarding current ad emerging issues within the profession of architecture. - The ability of students to successfully find employment and/or continue their education.
Program - Manufacturing Engineering Technology (B.S.)	Required for ALL graduates	The mission of the Manufacturing Engineering Technology program is to prepare career ready manufacturing engineering professionals to serve Michigan and the nation in a global economy.
Program - Hotel Management (B.S.)	Required for ALL graduates	The mission of the Hospitality Programs is to offer an array of specialized Food Service and Hospitality Management courses, with the latest industry technologies, so as to develop educated industry professionals able to contribute through employment and entrepreneurship to the economic growth of the State of Michigan, and the nation and the global industry at large. This mission is accomplished through teaching students a combination of relevant hospitaity theory with practical applications using appropriate hands-on technology in food service and lodging.
Program - Early Childhood Education (B.S.)	Required for ALL graduates	The mission of the School of Education is to prepare students for careers as quality educators whose contributions will enrich lives through dedication to leadership, life-long learning, reflection, and collaboration in the classroom, school and greater community.
Program - HVACR Technology (A.A.S.)	Not applicable	HVACR provides quality education and training that emphasizes practical skills, and prepares the student to analyze, synthesize and solve problems. This is accomplished in state-of-the-art facilities with highly qualified instructors.
Program - Art History Minor	Not applicable	

Program Name	Workplace-based Requirements	Program Mission Statement
Program - French Minor		
Program - Mathematics (B.A.)	Recommended only	The mission of the Mathematics program is to develop students who will have a knowledge of all aspects of mathematics and it's place in the world.
Program - Elementary Education (B.S.)	Required for ALL graduates	The mission of the School of Education is to prepare students for careers as quality educators whose contributions will enrich lives through dedication to leadership, life-long learning, reflection, and collaboration in the classroom, school and greater community.
Program - Early Childhood Education (A.A.S.)	Required for ALL graduates	The mission of the School of Education is to prepare students for careers as quality educators whose contributions will enrich lives through dedication to leadership, life-long learning, reflection, and collaboration in the classroom, school and greater community.
Program - Manufacturing Tooling Technology (A.A.S.)	Not applicable	Provide the best educational opportunity in tooling technology by way of project, real-world experiences in well-equipped facilities resulting in a solid foundation on which our graduates can build their careers and continue their education.
Program - Plastics Technology (A.A.S.)	Required for ALL graduates	The mission of the Plastics Engineering Technology program is to be a world leader in preparing our students for a technical career with companies that manufacture or design plastic products, materials, tooling or equipment. We will provide a broad foundation for further educational and professional advancement.
Program - Resort Management (B.S.)	Required for ALL graduates	The mission of the Hospitality Programs is to offer an array of specialized Food Service and Hospitality Management courses, with the latest industry technologies, so as to develop educated industry professionals able to contribute through employment and entrepreneurship to the economic growth of the State of Michigan, and the nation and the global industry at large. This mission is accomplished through teaching students a combination of relevant hospitaity theory with practical applications using appropriate hands-on technology in food service and lodging.
Program - Product Design Engineering Technology (B.S.)	Recommended only	The mission of the Product Design Engineering Technology program is to provide a comprehensive education in mechanical design equal to the demands of today's industrial environment while preparing the graduate for the technical challenges of tomorrow's workplace.
Program - Interdisciplinary Humanities Minor	Not applicable	This program has been terminated through the academic program review and curriculum process. No longer on books as of Fall 2010.
Program - Chemistry (B.A.)	Not applicable	The mission of the Chemistry BA program is to provide students with the chemical knowledge and laboratory skills as well as the critical thinking, communication, and teamwork skills necessary to be successful in a chemical or science-related career.
Program - Military Science Minor	Required for SOME graduates (based on emphasis)	The Ferris State ROTC recruits, educates, trains, and inspires high quality cadets to become competent and confident commissioned officers who will lead the best soldiers in the world.
Program - Quality Engineering Technology (B.S.)	Required for SOME graduates (based on emphasis)	The mission of the Quality Engineering Technology program is to prepare career ready quality assurance professionals to serve Michigan and the nation in a global economy.
Program - Information Security and Intelligence (B.S.)	Required for ALL graduates	The mission of the Information, Security and Intelligence degree is to prepare students for work in the digital age. Our goal is to provide the best possible training in the acquisition, manipulation, reconstruction, analysis and presentation of digital information.
Program - Restaurant and Food Industry Management (A.A.S.)	Required for ALL graduates	The mission of the Hospitality Programs is to offer an array of specialized Food Service and Hospitality Management courses, with the latest industry technologies, so as to develop educated industry professionals able to contribute through employment and entrepreneurship to the economic growth of the State of Michigan, and the nation and the global industry at large. This mission is accomplished through teaching students a combination of relevant hospitaity theory with practical applications using appropriate hands-on technology in food service and lodging.
Program - Printing and	Required for ALL	Ferris State University's Printing and Imaging Technology Management program will serve the Printing and Graphic Imaging

Program Name	Workplace-based Requirements	Program Mission Statement
Digital Graphic Imaging Technology (A.A.S)	graduates	industry by closely aligning the technical, academic, and management curriculum and instructional methods to the ever changing needs of the employers. The department is committed to recruiting, training, challenging, and graduating the best possible work force for our industry. (Mission revised at the May 2002 advisory board meeting).
Program - Biochemistry (B.A.)	Not applicable	The mission of the Biochemistry BA program is to provide students with the biochemistry knowledge and laboratory skills as well as the critical thinking, communication, and teamwork skills necessary to be successful in a biochemical or science-related career.
Program - Surveying Engineering (B.S.)	Not applicable	To educate a new generation of Surveying Engineers; to promote a sense of scholarship, leadership and service tot he community, to disseminate new knowledge and to play a leadership role in fostering interdisciplinary education to help solve the complex problems facing modern society.
Program - Pre-Engineering (A.S.)		
Program - Mechanical Engineering Technology (B.S.)	Required for ALL graduates	The Mechanical Engineering Technology program seeks to provide a stimulating learning environment to prepare students for the broad array of technical careers associated with the discipline.
Program - Social Work (B.S.W.)	Required for ALL graduates	The mission of the Ferris State University Social Work Program is to educate professional social workers who will be leaders in their field, promoting social and economic justice, diversity, and empowerment and eliminating oppressive social conditions. We inspire students to be critical thinkers to meet the challenges of a global society through lifelong learning, innovation, political engagement, service and community collaboration.
Program - Surveying Technology (A.A.S.)		To educate a new generation of Surveying Engineers; to promote a sense of scholarship, leadership and service tot he community, to disseminate new knowledge and to play a leadership role in fostering interdisciplinary education to help solve the complex problems facing modern society.
Program - Pre-Pharmacy (A.S.)		
Program - Printing Management (B.S.)	Required for ALL graduates	Ferris State University's Printing and Imaging Technology Management program will serve the Printing and Graphic Imaging industry by closely aligning the technical, academic, and management curriculum and instructional methods to the ever changing needs of the employers. The department is committed to recruiting, training, challenging, and graduating the best possible work force for our industry. (Mission revised at the May 2002 advisory board meeting).
Program - Criminal Justice (B.S.)	Required for ALL graduates	<p>Mission of the School</p> <p>The School of Criminal Justice at Ferris State University, through partnerships with agencies within and related to the criminal justice field, creates the fundamental preparation for successful careers and responsible citizenship. The academic pursuit of excellence for both students and faculty is provided in a learning environment that combines the theoretical knowledge with the practical application.</p> <p>Vision of the School</p> <p>Our vision is to uphold the high quality of graduates produced by the School. Continue to educate both undergraduates and graduate students for acquiring and sustaining positions within the criminal justice field. Maintain the leader position held by the School within the criminal justice education realm within the State of Michigan and expand its reputation to nation-wide recognition. Moreover, maintain the admiration of our peers, graduates, practitioners, citizens and our students by continuing the excellent in education we strive for.</p>

Program Name	Workplace-based Requirements	Program Mission Statement
Program - Criminal Justice (B.S.)	Required for ALL graduates	<p>We value:</p> <ul style="list-style-type: none"> ?Education and academic excellence in learning and teaching with a student-focused foundation. ?Problem-based learning and critical thinking. ?Ethical and professional services for our diverse communities in which we serve. ?An atmosphere of collegiality and collaboration ?Diversity, opportunity and persistence in providing education to aspiring students. ?Knowledgeable, empowered, skilled graduates to pursue careers in the Criminal Justice profession. <p>This model acts as our plan of assessment to ensure our graduates are acquiring the necessary skills to excel in the criminal justice field. These outcomes and assessments of the same are created for ease of collection and measurement of data. They coincide with the goals of the College and Ferris State University. Specifically it is designed to track student development, improve planning, improve instructor pedagogy, inform curriculum planning and course sequencing and promote timely completion of the program.</p>
Program - Music Industry Management (B.S.)	Required for ALL graduates	The mission of the Music Industry Management Program (MIM) is to prepare students for a variety of careers in the music and entertainment industry. This mission is accomplished by providing thorough training in various business disciplines combined with hands-on, music and entertainment specific experiential learning opportunities both and off campus.
Program - Mechanical Engineering Technology (A.A.S.)	Not applicable	The Mechanical Engineering Technology program seeks to provide a stimulating learning environment to prepare students for the broad array of technical careers associated with the discipline.
Program - Digital Media Software Engineering (B.A.S.)	Required for ALL graduates	To provide a digital media software engineering program with formal and rigorous engineering approaches,that employ significant and relevant application of learned materials, with the intent of producing software engineers that are capable, confident, and competent designing, developing, and deploying effective innovative software systems.
Program - Rubber Engineering Technology (B.S.)	Required for ALL graduates	The mission of the Rubber Engineering Technology program is to be a world leader in preparing our students for a technical career with companies that manufacture or design rubber products, materials, tooling or equipment. We will provide a broad foundation for further educational and professional advancement.
Program - Digital Animation and Game Design (B.A.S.)	Required for ALL graduates	To provide high quality education at a reasonable price to student's seeking to gain technical expertise in interactive and animation applications and instill skills that are valued and relevant to the workplace.
Program - New Media Printing and Publishing (B.S.)	Required for ALL graduates	Ferris State University?s Printing and Imaging Technology Management Department will serve the Printing and Graphic Imaging Industry by closely aligning the technical, academic, and management curriculum and instructional methods to the ever changing needs of the employers. The department is committed to recruiting, training, challenging, and graduating the best possible work force for our industry. (Mission revised at the May 2002 advisory board meeting)
Program - Medical Technology (B.S.)	Required for ALL graduates	To prepare graduates who are ready for career entry level employment in a variety of clinical laboratory settings: hospitals, blood banks, independent and physicians' office laboratories, clinics, health maintenance organizations, urgent care centers and industry.
Program - Advertising (B.S.)	Recommended only	PROGRAM CHANGED TO AIMC: The mission of the Advertising Program is to empower students to compete, succeed and advance in the fields of integrated marketing communication, consumer and business-to-business advertising, direct marketing, and sales promotion. This mission is accomplished by offering students a diverse array of specialized courses involving appropriate decision-making and creative technologies. These courses combine relevant marketing communications theory with practical applications and with appropriate hands-on technology for data base marketing, target marketing, and production of complete integrated marketing communication programs.
University College - Career Exploration (A.		CARE, Career and Education Planning, focuses on self-evaluation, vocational and educational planning, and the concept of career development as a life-long process. Using inventories, assessments, career searches, job shadowing, speakers,

Program Name	Workplace-based Requirements	Program Mission Statement
A.)		consultation with Educational and Career Counselors, use of library materials and on-line resources, group discussion, and individual projects, students compile a Course Portfolio which sums-up the entire Career Exploration Process.
Program - Rubber Technology (A.A.S.)	Required for ALL graduates	The mission of the Rubber Engineering Technology program is to be a world leader in preparing our students for a technical career with companies that manufacture or design rubber products, materials, tooling or equipment. We will provide a broad foundation for further educational and professional advancement.
Program - Medical Laboratory Technology (A.A.S.)	Required for ALL graduates	To prepare graduates who are ready for career entry level employment in a variety of clinical laboratory settings: hospitals, blood banks, independent and physicians' office laboratories, clinics, health maintenance organizations, urgent care centers and industry.
Program - Public Relations (B.S.)	Required for ALL graduates	<p>The mission of the Public Relations academic major is to enable students to learn and apply the principles, techniques and strategies of the professional practice of public relations and related disciplines so that they can enter and succeed in their careers and contribute to the economic vitality of their employer, the State of Michigan and the global community.</p> <p>This is accomplished through the nation's only curriculum that offers a Public Relations major within a Bachelor's degree in Business. It combines 10 public relations courses and a 30-hour business sequence with a broad foundation of social sciences, journalism, advertising and related courses. Emphasis is placed on gaining practical hands-on experience, applying strategic thinking and planning skills, and utilizing current technologies.</p>
University College - Directed Studies (A.A.)		To provide all Ferris students access to a variety of academic skill building opportunities that will assist them in their pursuit of academic excellence in a format that accommodates various learning preferences and schedules.
Program - Philosophy Minor	Not applicable	
Program - Religious Studies Minor	Not applicable	
Program - Film Studies Minor	Not applicable	
Program - Graphic Design (B.S.)	Not applicable	The mission of the Graphic Design program is to offer students sequential specialized classes to develop well educated and prepared design professionals who are able to contribute, through employment, to the economic vitality in the state of Michigan and to the global business community. This mission is accomplished through teaching students a combination of conceptual thinking skills and practical applications incorporating the appropriate technology used in the industry.
Program - Heavy Equipment Service Engineering Technology (B.S.)	Required for ALL graduates	Educating future leaders for the heavy equipment industry that are creative, technically advanced with the knowledge to develop a theory and the practical skills to implement new concepts.
Program - Accountancy (B.S.)		The mission of the Accountancy program is to provide the State of Michigan with a supply of accounting graduates who can respond to the changing needs of the business community. The department also provides support for other programs within Ferris State University.
Program - CAHS CORE	Not applicable	The CAHS CORE prepares students, in a multidisciplinary environment, for careers that increasingly demand collaboration and cooperation.
Program - Accountancy/CIS (B.S.)	Recommended only	See Accountancy BS and Computer Information Systems BS (This is a combination of two degrees)
Program - Accountancy/Finance (B.S.)	Recommended only	See Accountancy BS and Computer Information Systems BS (This is a combination of two degrees)

Program Name	Workplace-based Requirements	Program Mission Statement
Program - Pre-Mortuary Science (A.S.)		
Program - Nursing (RN to BSN)	Required for ALL graduates	The undergraduate program in nursing is designed to provide innovative baccalaureate programming that prepares graduates for roles in current professional nursing practice and ot effectively contribute to future changes in the nursing profession and health care delivery system
Program - Industrial Electronics Technology (A.A.S.)	Required for ALL graduates	Provide students instruction so that they become knowledgeable, skilled and responsible people in the areas of automation, computer-based systems, networks or electronics where employment is a realistic probability both now and in the future.
University College - Reading Course Outcomes		College Reading Methods, READ 106, introduces students to skills/strategies necessary to prepare for college-level reading tasks. Subsequently, students who pass READ 106 will enroll in READ 176, College Critical Reading, and will become more competent using critical reading and thinking skills essential to the full-range demands of university entry-level college courses to facilitate successful completion of academic programs.
University College - Structured Learning Assistance		To give FSU students a high level of academic support while reducing course withdrawal/failure rates and increasing the number of students who pass some of the most challenging and highest risk for failure university courses.
University College - TIP Scholars Program		The TIP Scholars Program's purpose is to support the recruitment, retention, and graduation of Ferris students who receive a scholarship at any level from the Tuition Incentive Program.
University College - Educational and Career Counseling Center	Not applicable	Educational and Career Counseling: The purpose of the Educational and Career Counseling Center is to enhance and coordinate counseling services to assist students in meeting educational goals. Disabilities Services: The purpose of Disabilities Services is to serve and advocate for students with disabilities, empowering them for self-reliance and independence while promoting equal access to educational opportunities and programs. Information, reasonable accommodation, adaptive technology and counseling are offered to students. Professional development is offered to faculty and staff.
University College - Scholar Peer Mentoring Program		The purpose of the University College Scholar Peer Mentor Program is to serve as an integral part of the University to promote the improvement of academic success, persistence, and successful graduation of students participating in the program.
University College - Academic Support Center		CARE, Career and Education Planning, focuses on self-evaluation, vocational and educational planning, and the concept of career development as a life-long process. Using inventories, assessments, career searches, job shadowing, speakers, consultation with Educational and Career Counselors, use of library materials and on-line resources, group discussion, and individual projects, students compile a Course Portfolio which sums-up the entire Career Exploration Process.
University College - University College Program		UNCP, University College Program, is designed to help students develop strategies that promote student connectedness to the university community, their academic program, and their career paths. The course will include, but not be limited to, discussions of how to develop peer and professional networks, how to access academic and personal support services, how to manage personal finances, how to access financial aid available to support enrollment in college, how to develop effective problem-solving and conflict-management skills for use in developing and maintaining personal and professional relationships, to understand and learn to appreciate diverse cultures and ethnic groups as members of the diverse FSU community, to understand and improve study habits. The course will also allow students to explore the career paths related to their academic program.
University College - General Studies		GNST, General Studies Program allows students who are admissible to Ferris State University, but do not meet all eligibility requirements for the specific program they have chosen, an opportunity to earn credits that will make them eligible. University College advisors work closely with students to assist them in transferring to the program of choice as soon as possible while taking general education courses required for all degrees.
Program - Dental	Not applicable	Building upon the mission, vision and values of the college of Allied Health Sciences, the Dental Hygiene program will be a

Program Name	Workplace-based Requirements	Program Mission Statement
Hygiene (B.S.)	Not applicable	leader in providing opportunities for innovative teaching and learning in career-oriented technologies of the professional education of entry-level dental hygienists.
Program - Allied Health Sciences (A.A.S.)	Not applicable	Building upon the mission, vision and values of Ferris State University and the College of Allied Health Sciences, the mission of the Allied Health Sciences program is to provide an opportunity for individuals to meet the current and emerging needs for health care practitioners for the region and state
Program - Coding and Billing Certificate	Required for ALL graduates	Building upon the mission, vision and values of Ferris State University and the College of Allied Health Sciences?, the Coding and Billing Certificate's mission is to provide leadership in the education of coding and billing professionals to meet the current and emerging needs of the state and region.
Program - Phlebotomy Certificate	Required for ALL graduates	To prepare graduates who are ready for career entry level employment in a variety of clinical laboratory settings: hospitals, blood banks, independent and physicians' office laboratories, clinics, health maintenance organizations, urgent care centers and industry.
Program - Community College Leadership (Ed.D.)	Required for ALL graduates	The Ferris State University Doctorate in Community College Leadership empowers graduates to advance community colleges toward excellence and community responsiveness through exemplary leadership.