BUSINESS MANAGEMENT & ADMINISTRATION CAREER CLUSTER DESIGN

Business Entrepreneurship & Management Pathway –
CIP Code 52.0799

**INTRODUCTORY LEVEL**

*Business Essentials* 12050 .5 credit

**TECHNICAL LEVEL**

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Business Economics</td>
<td>12105</td>
<td>.5 credit</td>
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<tr>
<td>Entrepreneurship</td>
<td>12053</td>
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<tr>
<td>Business Management</td>
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<td>.5 credit</td>
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Supportive Courses (Optional; Limited to 2 credits)

<table>
<thead>
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<tbody>
<tr>
<td>Accounting</td>
<td>12104</td>
<td>1 credit</td>
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<td>Business Communications</td>
<td>12009</td>
<td>.5 credit</td>
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<tr>
<td>Business Law</td>
<td>12054</td>
<td>.5 credit</td>
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<tr>
<td>Principles of Marketing</td>
<td>12164</td>
<td>1 credit</td>
</tr>
<tr>
<td>Woodworking Principles</td>
<td>17007</td>
<td>1 credit</td>
</tr>
<tr>
<td>Drafting/CAD</td>
<td>21107</td>
<td>1 credit</td>
</tr>
<tr>
<td>Ag Welding I</td>
<td>18404</td>
<td>1 credit</td>
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<tr>
<td>IB Business &amp; Management</td>
<td>12059</td>
<td>1 credit</td>
</tr>
<tr>
<td>Internet Marketing</td>
<td>12162</td>
<td>1 credit</td>
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<tr>
<td>Production Welding Processes I</td>
<td>39207</td>
<td>1 credit</td>
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<tr>
<td>Remodel &amp; Building Maintenance</td>
<td>17009</td>
<td>.5 credit</td>
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<tr>
<td>Web Page Design</td>
<td>10201</td>
<td>1 credit</td>
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<tr>
<td>Residential Carpentry I</td>
<td>17002</td>
<td>1 credit</td>
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<tr>
<td>Culinary Essentials</td>
<td>16052</td>
<td>.5 credit</td>
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<tr>
<td>Found. Early Childhood Develop.</td>
<td>19052</td>
<td>1 credit</td>
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**APPLICATION LEVEL**

*Applied Business Development* 32200 1 credit

*Required for pathway approval

Approved Pathway:

1) Includes minimum of three secondary-level credits.
2) Includes a work-based element.
4) Supporting documentation includes Articulation Agreement(s), Certification, Program Improvement Plan, and a Program of Study.
5) Technical-level and Application-level courses receive .5 state-weighted funding in an approved CTE pathway.
**Introductory-level course for Business Management and Administration, Hospitality and Tourism, Marketing and Finance Career Clusters**

This is a core course designed to give students an overview of the business, marketing and finance career cluster occupations. Students will develop an understanding of how academic skills in mathematics, economics, and written and oral communications are integral components of success in these occupations. Students will examine current events to determine their impact on business and industry and legal and ethical behavior, acquire knowledge of safe and secure environmental controls to enhance productivity, determine how resources should be managed to achieve company goals, and identify employability and personal skills needed to obtain a career and be successful in the workplace. As students learn about different types of business ownership, they will interpret industry laws and regulations to ensure compliance, identify principles of business management, and analyze business practices to determine ethics and social responsibilities.

**12052 Business Management**

Business Management courses acquaint students with management opportunities and effective human relations. These courses provide students with the skills to perform planning, staffing, financing, and controlling functions within a business. In addition, they usually provide a macro-level study of the business world, including business structure and finance, and the interconnections among industry, government, and the global economy. The course may also emphasize problem-based, real-world applications of business concepts and use accounting concepts to formulate, analyze, and evaluate business decisions.

**12053 Entrepreneurship**

Technical-level course for Business Management and Administration, Hospitality and Tourism, Marketing and Finance Career Clusters

Entrepreneurship courses acquaint students with the knowledge and skills necessary to own and operate their own businesses. Topics from several fields typically form the course content: economics, marketing principles, human relations and psychology, business and labor law, legal rights and responsibilities of ownership, business and financial planning, finance and accounting, and communication.

**12105 Business Economics**

Business Economics course integrates economic principles (such as free market economy, consumerism, and the role of American government within the economic system) with entrepreneurship/business concepts (such as marketing principles, business law, and risk).

**12104 Accounting**

Accounting courses introduce and expand upon the fundamental accounting principles and procedures used in businesses. Course content typically includes the full accounting cycle, payroll, taxes, debts, depreciation, ledger and journal techniques, and periodic adjustments. Students may learn how to apply standard
auditing principles and to prepare budgets and final reports. Calculators, electronic spreadsheets, or other automated tools are usually used. Advanced topics may include elementary principles of partnership and corporate accounting and the managerial uses of control systems and the accounting process.

12009 Business Communications .5 credit Technical Level
Business Communications courses help students to develop an understanding and appreciation for effective communication in business situations and environments. Emphasis is placed on all phases of communication: speaking, listening, thinking, responding, reading, writing, communicating non-verbally, and utilizing technology for communication. Business communication functions, processes, and applications in the context of business may be practiced through problem-based projects and real-world applications.

12054 Business Law .5 credit Technical Level
This course identifies and promotes the skills needed in law and law associated professions. Topics include the origins, ethics, structures, and institutions of law. It concentrates on several types of law including criminal, civil, consumer, contract, property, agency, employment, family and environmental law. The intent of the class is to allow areas of concentration once all of the competencies are met.

12164 Principles of Marketing 1 credit Technical Level
This course develops student understanding and skills in such areas as channel management, marketing-information management, market planning, pricing, product/service management, promotion, and selling.

12059 IB Business & Management 1 credit Technical Level
IB Business and Management courses prepare students to take the International Baccalaureate Business and Management exam at either the Subsidiary or Higher level. In keeping with Individual and Society courses, IB Business and Management promotes problem-solving by identifying the problem, selecting and interpreting data, applying appropriate analytical tools, and recommending solutions by evaluating their quantitative and qualitative implications. These courses also equip students with knowledge and understanding of business terminology, concepts and principles.

32200 Applied Business Development 1 credit Application Level
Applied Business Development students will practice skills of planning, organizing, directing and controlling functions of operating a business while assuming the responsibilities and risks involved. Students will develop skills in enterprise development, market analysis and financial preparation. These courses include classroom activities as well as involving further study of the field and discussion regarding real-world experiences and applications that students encounter in owning and managing a business.
**KANSAS STATE CAREER CLUSTER COMPETENCY PROFILE**

**BUSINESS ENTREPRENEURSHIP & MANAGEMENT PATHWAY**

(C.I.P. 52.0799)

**STUDENT**

Rating Scale:

- 4 - Exemplary Achievement
- 3 - Proficient Achievement
- 2 - Limited Achievement
- 1 - Inadequate Achievement
- 0 - No Exposure

**CCTC CAREER READY PRACTICES** (To be included in all courses)

1. Act as a responsible and contributing citizen and employee.
2. Apply appropriate academic and technical skills.
3. Attend to personal health and financial well-being.
4. Communicate clearly, effectively and with reason.
5. Consider the environmental, social and economic impacts of decisions.
6. Demonstrate creativity and innovation.
7. Employ valid and reliable research strategies.
8. Utilize critical thinking to make sense of problems and persevere in solving them.
9. Model integrity, ethical leadership and effective management.
10. Plan education and career path aligned to personal goals.
11. Use technology to enhance productivity.
12. Work productively in teams while using cultural/global competence.

**CCTC BUSINESS MANAGEMENT & ADMINISTRATION CAREER CLUSTER STANDARDS** (To be taught throughout the pathway)

1. Utilize mathematical concepts, skills and problem solving to obtain necessary information for decision making in business.
2. Describe laws, rules and regulations as they apply to effective business operations.
3. Explore, develop and apply strategies for ensuring a successful business career.
4. Identify, demonstrate and implement solutions in managing effective business customer relationships.
5. Implement systems, strategies and techniques used to manage information in a business.
6. Implement, monitor and evaluate business processes to ensure efficiency and quality results.

**CCTC GENERAL MANAGEMENT CAREER PATHWAY** (To be taught throughout the pathway)

1. Describe and follow laws and regulations affecting business operations and transactions.
2. Access, evaluate and disseminate information for business decision making.
3. Apply economic concepts fundamental to global business operations.
4. Employ and manage techniques, strategies and systems to enhance business relationships.
5. Plan, monitor, manage and maintain the use of financial resources to ensure a business’s financial well-being.
6. Plan, monitor and manage day-to-day business activities to sustain continued business functioning.
7. Plan, organize and manage an organization/department to achieve business goals.
8. Create strategic plans used to manage business growth, profit and goals.

Graduation Date ____________________________

I certify that the student has received training in the areas indicated.

Instructor Signature ____________________________

Instructor Signature ____________________________

Instructor Signature ____________________________

Instructor Signature ____________________________
INTRODUCTORY COURSE (.5 Credit)
12050-BUSINESS ESSENTIALS Core course to give an overview of the business, marketing and finance career cluster occupations.


4 3 2 1 0 4. Analyze cost/profit relationships to guide business decision-making. Explain the concept of productivity. Analyze impact of specialization/division of labor on productivity. Explain the concept of organized labor and business. Explain the impact of the law of diminishing returns. Describe the concept of economies of scale.

4 3 2 1 0 8. Compose internal and external multi-paragraph documents clearly, succinctly, and accurately to convey and obtain information. Prepare simple written correspondence (cover letters, memorandums, resumes). Identify the elements of effective written communications. Use appropriate etiquette in written communications. Write analytical reports (i.e., reports that examine a problem/issue and recommend an action.) Write research reports.

4 3 2 1 0 5. Describe the purpose and origin of business within the US. Discuss the various commodities of trade within US history. Explain the origins of Wall Street. Describe the evolution in consumer awareness and buyer relationships. Explain the concept of Gross Domestic Product and its development with the US.

4 3 2 1 0 9. Prepare oral presentations to provide information for specific purposes and audiences. Organize information effectively. Select and use appropriate graphic aids. Make oral presentations.

4 3 2 1 0 6. Analyze the history and importance of trade within a global marketplace. Difference between imports and exports. Explain the role of cultures and political systems on global trade. Explain the currency exchanges and how the value fluctuates.

4 3 2 1 0 10. Describe the nature of legally binding business contracts. Identify the basic torts relating to business enterprises. Describe the nature of legally binding contracts. Understand the civil foundations of information.

Participate in group discussions. Demonstrate open listening when cultivating relationships. Share thoughts respectfully while being direct.

4 3 2 1 0 7. Apply verbal skills when obtaining and conveying information. Participate in group discussions. Demonstrate open listening when cultivating relationships. Share thoughts respectfully while being direct.

4 3 2 1 0. Compose internal and external multi-paragraph documents clearly, succinctly, and accurately to convey and obtain information. Prepare simple written correspondence (cover letters, memorandums, resumes). Identify the elements of effective written communications. Use appropriate etiquette in written communications. Write analytical reports (i.e., reports that examine a problem/issue and recommend an action.) Write research reports.

Develop and deliver formal and informal presentations using appropriate media to engage and inform audiences.

Prepare oral presentations to provide information for specific purposes and audiences. Organize information effectively. Select and use appropriate graphic aids. Make oral presentations.

Describe business’s responsibility to know and abide by laws and regulations that affect business operations.

Describe the nature of legally binding business contracts. Identify the basic torts relating to business enterprises. Describe the nature of legally binding contracts. Understand the civil foundations of information.
Identify regulatory agencies and regulatory legislation.
Describe the nature of legal procedure.
Discuss the nature of debtor-creditor relationships.
Explain the nature of agency relationships.
Discuss the nature of environmental law.
Discuss the role of administrative law.

Identify types of business ownership.
Explain types of business ownership.
Select form of business ownership.

TECHNICAL SKILLS: Use the technical knowledge and skills required to pursue the targeted careers for all pathways in the career cluster, including knowledge of design, operation, and maintenance of technological systems critical to the career cluster.

Perform customer service activities to support customer relationships and encourage repeat business.
Explain a customer-service mindset.
Respond to customer inquiries and complaints.
Interpret business policies to customers/clients.
Understands the techniques and strategies used to foster positive-ongoing relationships with customers.

Utilize technology to facilitate customer relationship management.
Understand the nature of customer relationship management.

EMOTIONAL INTELLIGENCE: Employ and manage techniques, strategies, and systems used by management to foster self-understanding and enhance business relationships.
Demonstrate managerial and business ethics.
Discuss ethics, responsibility, honesty, integrity, and work habits.

Develop personal traits and behaviors to foster career advancement.
Identify desirable personality traits important to business.
Exhibit a positive attitude.
Exhibit self-confidence.
Demonstrate interest and enthusiasm.
Demonstrate initiative.
Foster positive working relationships.
Participate as a team member.
Explain the nature of effective communications.

ENTREPRENEURSHIP: Assess entrepreneurship/small-business management-career information to enhance opportunities for career success.

Analyze entrepreneur careers to determine careers of interest.
Discuss entrepreneurial discovery processes.
Describe entrepreneurial planning considerations.
Explain the need for entrepreneurial discovery.
Assess global trends and opportunities for business ventures.

Compare individual’s abilities, interests, and attitudes with those associated with entrepreneurial success to determine the match between the two.
Analyze desired lifestyle associated with entrepreneurship.
Discern between desired benefits and those associated with entrepreneurship.
Research current business issues and entrepreneurs (e.g., Donald Trump, Martha Stewart, Mark Zuckerberg, Magic Johnson, etc.)
Contrast personal characteristics with those associated with entrepreneurial success.
Examine similarities and differences between personal educational goals and educational requirements for entrepreneurship.

FINANCIAL ANALYSIS: Understand how to maintain, monitor, plan, and control the use of financial resources to protect an entrepreneur and business’s fiscal well-being.
Analyze how proper management of personal finance
relates with maintaining business financial efficiency.
Explain forms of financial exchange.
Manage personal finances to achieve financial goals with savings and investing.
Identify a business’s risks.
Explain the time value of money.
Explain the purposes and importance of credit.

4 3 2 1 0 20. Define the accounting equation and how accounting can assist in maintaining financial solvency.
Interpret cash-flow statements.
Monitor business’s profitability.
Develop personal budget.
Properly maintain a personal financial account (e.g., savings, checking, etc.)
Interpret a pay stub.
Read and reconcile bank statements.
Maintain financial records.
Describe sources of income (e.g., wages/salaries, interest, rent, dividends, transfer payments, etc.)

INFORMATION TECHNOLOGY APPLICATIONS: Use information technology tools specific to the career cluster to access, manage, integrate, and create information.

4 3 2 1 0 21. Use information technology tools to manage and perform work responsibilities.
Assess information needs.
Use information literacy skills to increase workplace efficiency and effectiveness.

Identify ways that technology impacts business.
Explain the role of information systems.
Operate writing and publishing applications to prepare business communications.
Prepare simple documents and other business communications.
Demonstrate basic research skills.
Evaluate quality and source of information.
MARKETING: Manage marketing activities to facilitate business development and growth.
Understand marketing’s role and function in business to facilitate economic exchanges with customers.
Plan product mix.
Determine services to provide customers.
Explain the role of customer service in positioning/image.
Analyze factors that contribute to business success.
Develop strategies to position product/business.
Acquire foundational knowledge of customer, client, and business behavior to understand what motivates decision-making.

4 3 2 1 0 22. 4 3 2 1 0 23. 4 3 2 1 0 24. 4 3 2 1 0 25. 4 3 2 1 0 26. 4 3 2 1 0 27. 4 3 2 1 0 28.

Identify the impact business has on local communities.
Identify elements of the marketing mix.
EMPLOYABILITY AND CAREER DEVELOPMENT:
Know and understand the importance of employability skills. Explore, plan, and effectively manage careers.
Know and understand the importance of entrepreneurship skills. Explore, obtain, and develop strategies for ensuring a successful business career.
Develop personal traits and behaviors to foster career advancement.
Discuss appropriate personal appearance.
Explain the importance of having a vision through properly setting personal short, mid and long-term goals.
Conduct mock interviews using local business representatives as interviewers.
Use time-management skills.
List the standards and qualifications that must be met in
order for entering a business career.

4 3 2 1 0 29. **Utilize critical thinking and decision-making skills to exhibit qualifications to a potential employer.**
Demonstrate problem-solving skills. Obtain needed information efficiently. Evaluate quality and source of information. Apply information to accomplish a task.

**TECHNICAL COURSES**

**12052 – BUSINESS MANAGEMENT** (.5 credit)

*Identify, analyze, and process business data and information to make business decisions and enhance business management duties.*

4 3 2 1 0 1. **Solve mathematical managerial problems using numbers and operational resources.**

4 3 2 1 0 2. **Perform data analysis to make business decisions.**
Formulate questions effectively. Collect relevant data. Organize useful data. Employ appropriate statistical methods in data analysis. Develop and evaluate inferences and predictions. Apply basic concepts of probability.

4 3 2 1 0 3. **Evaluate the accuracy of mathematical responses using problem-solving techniques.**
Identify problem solving techniques. Apply a variety of problem-solving strategies. Adjust problem-solving strategies when needed.

4 3 2 1 0 4. **Recognize how economic systems influence environments in which businesses function.**
Identify factors affecting a business’s profit. Determine factors affecting business risk. Explain the concept of competition. Describe market structures. Distinguish between economic goods and services. Describe the concepts of economics and economic activities. Determine economic utilities created by business activities. Use knowledge regarding the impact government has on businesses to make informed economic decisions.

4 3 2 1 0 5. **Use knowledge regarding the impact government has on businesses to make informed economic decisions.**
Determine the relationship between government and business. Discuss the supply and demand for money. Describe global trade’s impact on business activities.

4 3 2 1 0 6. **Describe global trade’s impact on business activities.**
Discuss the impact of globalization on business. Explain cultural considerations that impact global business relations. Describe the impact of electronic communication tools on global business activities. Discuss the potential impact of emerging economies on business activities. Use economic indicators to detect economic trends and conditions. Describe the concept of price stability as an economic measure. Discuss the measure of consumer spending as an economic indicator. Determine the impact of business cycles on business activities. Use oral and written communication skills in creating, expressing and interpreting information and ideas including technical terminology and information.

Obtain and convey ideas and information to impact business decisions and report on organizational activities.

4 3 2 1 0 7. **Demonstrate use of content, technical concepts and vocabulary when analyzing information and following directions.**
Explore and prepare written professional documents (e.g. business memorandums, financial statements, production reports, etc.)

4 3 2 1 0 8. **Employ verbal skills when obtaining and conveying information.**
Explain managerial techniques in communicating with various personnel. Describe methods to effectively verbally communicate as a manager within various environments.
Evaluate and use information resources to accomplish specific occupational tasks.

4 3 2 1 0. Analyze situations and behaviors that affect conflict management. Review the methods a manager may use to resolve various conflicts.

4 3 2 1 0. Determine best options/outcomes for conflict resolution using critical thinking skills.

4 3 2 1 0. Identify with others’ feelings, needs, and concerns. Identify, write and monitor workplace performance goals to guide progress in assigned areas of responsibility and accountability.

4 3 2 1 0. Write goals that meet appropriate criteria: Specific, Measurable, Achievable, Realistic, Time Bound. Analyze accounting systems’ contribution to the fiscal stability of a business.

4 3 2 1 0. Develop a foundational knowledge of accounting to understand its nature and scope. Explain the concept of accounting. Explain the need for accounting standards (GAAP). Discuss the role of ethics in accounting. Explain the use of technology in accounting. Explain legal considerations for accounting. Understand the methods that businesses use to recruit, train and develop human resources.

4 3 2 1 0. Describe the role and function of human resources management. Discuss the nature of human resources management. Explain the role of ethics in human resources management. Describe the use of technology in human resources management.

4 3 2 1 0. Manage business risks to protect a business’s financial well-being. Identify, assess and evaluate a business’s risks. Assess and implement safety, health, and environmental controls to enhance business productivity.

4 3 2 1 0. Assess needed safety policies/procedures to ensure protection of employees. Identify potential safety issues. Establish safety policies and procedures. Employ leadership skills to accomplish organizational goals and objectives.

4 3 2 1 0. Analyze and exhibit leadership traits and their various roles within organizations (e.g. contribute ideas; share in building an organization; act as role models to employees by adhering to company policies, procedures, and standards; promote the organization’s vision; and mentor others). Illustrate the difference between leading and managing.

4 3 2 1 0. Consider issues related to self, team, community, diversity, environment, and global awareness when leading others. Explain the importance on why managers need to build strong relationships within the business environment (i.e. employees, vendors, investors, consumers, etc.) Employ and explore organizational and staff

4 3 2 1 0. Prepare oral presentations to provide information for specific purposes and audiences. Demonstrate effective communication skills (e.g., verbal, nonverbal, and technological communications and effective listening skills). Employ critical thinking skills independently and in teams to solve problems and make decisions (e.g., analyze, synthesize and evaluate).

4 3 2 1 0. Identify common tasks that require employees to use problem-solving skills. Explain the importance of why managers need to build strong relationships within the business environment (i.e. employees, vendors, investors, consumers, etc.)

4 3 2 1 0. Describe the value of using problem-solving and critical thinking skills to improve a situation or process. Employ critical thinking and interpersonal skills to resolve conflicts with staff and/or customers.
24. Describe how staff growth and development increases productivity and employee satisfaction.
Identify and explain motivational theories and strategies in managing employees.

25. Explain and identify best practices for successful team functioning.
Discuss and demonstrate the importance of vision, mission, and goal setting within the context of the business environment.

Describe business's responsibility to know and abide by laws and regulations that affect business operations.

26. Demonstrate, manage, obtain and protect information through ethical behavior in a business setting to foster positive internal and external interactions.
Respect the privacy of others.
Explain ethical considerations in providing information.
Protect confidential information.
Determine information appropriate to obtain from a client or another employee.
Explain the nature of business ethics.
Demonstrate responsible ethical work behavior (honesty/integrity).

Describe the nature and scope of business laws and regulations.
Discuss the nature of law and sources of law in the United States.
Describe the US Judicial system hierarchy for legal appeals.
Describe legal issues affecting businesses and binding contracts.
Explode, obtain, and develop strategies for ensuring a successful business career.

28. Utilize career-advancement activities to enhance professional development.
Describe techniques for obtaining work experience (e.g., volunteer activities, internships).
Explain the need for ongoing education as a worker.
Explain possible advancement patterns for jobs.
Identify skills needed to enhance career progression.
Utilize resources that can contribute to professional development (e.g., trade journals/periodicals, professional/trade associations, classes/seminars, trade shows, and mentors).

Access, process, maintain, evaluate, and disseminate information to assist in business decision-making.

29. Use information literacy skills to increase workplace efficiency and effectiveness.
Assess information needs.
Obtain needed information efficiently.
Evaluate quality and source of information.
Apply information to accomplish a task.
Store information for future use.

30. Acquire a foundational knowledge of information management to understand its nature and scope.
Discuss the nature of information management.
Explain the role of ethics in information management.
Explain legal issues associated with information management.

Maintain business records to facilitate business operations.

32. Acquire information to guide business decision-making.
Describe current business trends.
Monitor internal records for business information.
Conduct an environmental scan to obtain business information.
Interpret statistical findings.

33. Manage financial resources to maintain business solvency.
Describe the nature of budgets.
Explain the nature of operating budgets.
Describe the nature of cost/benefit analysis.
Determine relationships among total revenue, marginal revenue, output, and profit.
Develop company’s/department’s budget.
Forecast sales.
Calculate financial ratios.
Interpret financial statements.
Employ and explore tools and strategies to influence, plan, control, and organize an organization/department.

34. Explain the role that business management has in contributing to business success.
Explain the concept of management.
Explain the nature of managerial ethics.
Plan, monitor, and control day-to-day business functions to ensure continued business operations.

35. Manage purchasing activities to obtain the best service/product at the least cost.
Discuss the importance of maintaining vendor/supplier relationships.
Negotiate terms with vendors.
Simulate techniques in establishing
3. Demonstrate an understanding of how basic economic concepts are utilized by an entrepreneur/small business owner.

Explain the principles of supply and demand.
Explain the factors of production.
Explain the concept of scarcity.
Explain the concept of opportunity costs.
Explain the factors of production.
Explain the concept of organized labor and business.
Explain the law of diminishing returns.
Describe the concept of economies of scale.
Explain the concept of opportunity costs.
Explain cost/benefit analysis as it explains cost-profit relationships.
Describe cost/benefit analysis.
Analyze the impact of specialization/division of labor on productivity.
Explain the concept of organized labor and business.
Explain the law of diminishing returns.
Describe the concept of economies of scale.

3. Demonstrate an understanding of how basic economic concepts are utilized by an entrepreneur/small business owner.

Explain the principles of supply and demand.
Explain the factors of production.
Explain the concept of scarcity.
7. Describe the relationship between principled entrepreneurship versus personal responsibility.
Understand the civil foundations of the legal environment of business. Explain the difference and similarities between business and consumer rights to operate in a free market system.

8. Describe the relationship between government and business.
Describe the nature of legal procedures in business. Explain how an entrepreneur can protect its intellectual property rights (i.e., patents, trademarks, copyrights).

9. Identify types of business ownership.

10. Demonstrate understanding of managerial and business ethics.
Discuss ethics, responsibility, honesty, integrity, and work habits.

11. Analyze and define entrepreneurship.
Define entrepreneurship and entrepreneurs. Contrast the different types of entrepreneurs (e.g., classic, change agent, intrapreneur), identifying their value and role.

12. Expound on the importance of entrepreneurship on market economies.
Describe the need for entrepreneurial discovery. Analyze the importance of entrepreneurship to US/global economy.

13. Explain characteristics of an entrepreneur as it relates to personal assessment and management.
Analyze desired lifestyle and that associated with entrepreneurship. Discern between desired benefits and those associated with entrepreneurship. Examine similarities and differences between personal educational goals and educational requirements for entrepreneurship. Developing and recognizing a successful business venture opportunity through entrepreneurial discovery, concept development, resourcing, actualization and harvesting.

14. Identify successful methods in developing and assessing innovative business ideas.
Utilize techniques for idea creation. Incorporate innovative thinking methods to meet consumer demands. Identify methods in which technology creates innovation. Use creativity in business activities/decisions.

15. Give explanation on how entrepreneurs recognize marketplace opportunities.

16. Explain tools used by entrepreneurs for venture planning.
Assess start-up requirements. Assess risks associated with venture. Describe external resources useful to entrepreneurs during concept development. Use components of a business plan to define venture idea.

17. Explain proper methods in assessing and calculating risk in developing a business venture.
Select an existing business and identify its initial business risks. Using financial and economic tools (e.g., Break-even, ROI, cost-benefit analysis, etc.) determine a venture’s risk threshold (i.e., investing in a new business versus an established franchise). Explain the complexity of business operations. Explain the need for business systems and procedures. Explain methods/processes for organizing work flow. Identify processes for ongoing opportunity recognition. Understand the need for changes in a business environment.

18. Describe the need for continuation planning as it relates with entrepreneurship/small business ownership.
Describe methods of venture harvesting. Evaluate options for continued venture involvement. Develop exit strategies.

19. The student demonstrates an understanding of information management concepts and how they support effective business operations.
Explain the role of and justification for information management. Describe the nature of business records. Explain the business and legal
Acquire foundational knowledge of customer, client, and business behavior to understand what motivates decision-making.

43210 23. Describe marketing functions and related activities.
Identify elements of the marketing mix.

43210 24. Describe the components and purpose of a business plan.
Write a business venture executive summary.
Describe the business venture in a company overview.
Determine the company mission statement, goals and objectives.
Describe the business environment and competition.
Describe the company description and marketing strategy.
Identify financial considerations.

43210 25. Examine and explain the components and purpose of a financial plan for a business.
Estimate expenses for a start-up business.
Identify break-even point.
Set profit goals.
Identify sources of capital.

43210 26. Identify and evaluate a local entrepreneurial venture/business.
Evaluate all functions of business.
Understand organizational and financial tools used in making business decisions as it relates to entrepreneurship/small business ownership.

43210 27. Develop organizational skills to improve efficiency.
Apply time management principles.
Develop a project plan.
Describe the way technology affects operations management.

43210 28. Identify and explain expense control strategies to enhance the financial well-being of a business.
Explain the nature of overhead/operating costs.
Define expense control plans.

Explain accounting standards (GAAP)
Prepare estimated/projected income statement.
Estimate cash-flow needs.
Prepare estimated/projected balance sheet.
Calculate financial ratios.

43210 30. Understand the need for proper financial and money management as it relates to an entrepreneur/small business owner.
Explain the purposes and importance of obtaining business credit.
Describe use of credit bureaus.
Explain the nature of overhead/operating expenses.
Determine financing needed to start a business.
Determine risks associated with entrepreneurship/small business ownership.
obtaining business credit. Explain sources of financial assistance. Explain loan evaluation criteria used by lending institutions. Identify sources of business loans. Determine business’s value. Explain the importance of having financial goals and objectives. Define how to build and monitor a budget. Explain the nature of capital investment.

Know and understand the importance of employability skills. Explore, plan, and effectively manage careers. Know and understand the importance of entrepreneurship skills. Obtain and develop strategies for ensuring a successful career in entrepreneurship/small business ownership.

Technological Competencies and Indicators

3. Identify examples of virtually unlimited wants.
4. Explain the most valuable thing a person gives up is his or her opportunity cost.
5. Demonstrate an understanding of costs and benefits analysis by giving real-world examples which properly evaluate alternatives.
6. Establish a clear distinction between absolute and comparative advantage.
7. Illustrate examples of specialization, recognizing the interdependence it creates.
8. List some advantages and disadvantages of market-oriented economies as well as more directed economies.
9. Explain the role of price and other determinants of demand (e.g., income, expectations, price of related goods). Illustrate demand curves that conform to the law of demand and explain the inverse relationship between the price and quantity demanded.
10. Define the role of price in influencing the quantity supplied. Explain how the supply curves that conform to the law of supply and explain the positive relationship between the price and quantity supplied.
11. Demonstrate an understanding of how markets can be effective in allocating scarcity. Depict both demand and supply curves to convey equilibrium.
12. Illustrate and explain the pressures on a market price to increase or decrease. Explain the direction of expected price changes as the result of a surplus or shortage.
13. Explain the role markets play in continuing to respond in a dynamic economy. Correctly shift the demand curve in response to a change in a non-price determinant of demand (e.g., tastes and preferences, income, prices of related goods, number of consumers.).
14. Change non-price determinants of supply to illustrate shifts in a supply curve. Correctly shift a supply curve in response to a change in a non-price determinant of supply (e.g., costs, technology, taxes, number of producers).

Business Management and Administration Cluster

School Year 2017-2018

Business Entrepreneurship and Management Pathway Competencies and Indicators

Business Economics course integrates economic principles (such as free market economy, consumerism, and the role of American government within the economic system) with entrepreneurship/business concepts (such as marketing principles, business law, and risk).

1. Describe how relative scarcity exists in all societies.
2. Give real-world examples of each type of scarce resource (e.g., Natural resources, labor, capital, entrepreneurs).

Technological Courses

12105 – Business Economics (.5 credit)

Business Economics course integrates economic principles (such as free market economy, consumerism, and the role of American government within the economic system) with entrepreneurship/business concepts (such as marketing principles, business law, and risk).
Explain the analytical process of economic decisions, involving profit maximization and loss minimization.

15. Evaluate relationship between inputs and outputs. Understand marginal product (i.e., the extra output from an extra input). Review performance reports to locate areas that indicate the need to change organizational process or performance.

16. Use expenditures (explicit costs) along with implicit costs (e.g., opportunity cost) in making profit maximizing decisions. Distinguishing between sunk costs (e.g., rent) and key factors like marginal costs (i.e., the extra cost from an extra unit of output).

17. Explain revenues (e.g., total revenue and marginal revenue’s) role in making profit maximizing decisions. Demonstrate an understanding that marginal revenue is the extra revenue from an extra unit of output.

18. Determine the price and output in profit maximizing analysis. Give examples of how profits are maximized, or losses are minimized. Explain equilibrium price and its purpose in economic decisions. Demonstrate and experience the value and role of marketplace competition and labor economics.

19. Explain the difference in pure competition and imperfect competition. Contrast competition and monopoly in the expected price and output.

20. Illustrate the role labor and other resource markets have on the demand for the good or service. Select a business organization and determine the number of workers to hire, justifying wage rates. Understand ethical and legal responsibilities to maintain high quality standards in product and service industries.

21. Illustrate the role of self-interest in economic decisions by both consumers and producers.

22. Explain the role of government in directing, controlling and regulating market economies. Demonstrate an understand that personal spending, saving, and credit decisions have significant implications for the future.

23. Explain the role and impact saving has on building wealth. Develop and implement sample financial/budgeting plans.

24. Define money, explain the role of banks and contrasting them with security exchanges. Identify a security and how it might fit in a financial system (e.g., a stock, bond, …) Define the role of financial institutions (e.g., Federal Reserve, banks, capital markets, etc.)

25. Explain the role and utilization of credit in a market economy. Give examples of different types of credit. Explain how credit systems operate and function. Identify potential costs and benefits of using credit.


27. Define inflation. Explain a sustained rise in the general level of prices.

28. Define Unemployment. Explain how government budgets include selling government securities to finance a deficit and the resulting impact on debt such as the national debt of the United States. Explore, obtain, and develop strategies for ensuring a successful career.

29. Explain the role and function of public finance. Explain how government budgets include selling government securities to finance a deficit and the resulting impact on debt such as the national debt of the United States. Explore, obtain, and develop strategies for ensuring a successful career.

30. Incorporate economic decision skills in identifying a career path. Using economic decision tools, identify potential careers that will be in high demand, and relatively low supply, over the next ten years; evaluate the direction of change in these wage rates.

12104 – ACCOUNTING (1 credit) Technical Accounting courses introduce and expand upon the fundamental accounting principles and procedures used in businesses. Course content typically includes the full accounting cycle, payroll, taxes, debts, depreciation, ledger and journal techniques, and periodic adjustments. Students may learn how to apply standard auditing principles and to prepare budgets and final reports. Calculators, electronic spreadsheets, or other automated tools are usually used. Advanced topics may include elementary principles of partnership and corporate accounting and the managerial uses of control systems and the accounting process.
<table>
<thead>
<tr>
<th>Pathway Competencies and Indicators</th>
<th>School Year 2017-2018</th>
<th>Business Entrepreneurship and Management Pathway Competencies and Indicators</th>
</tr>
</thead>
<tbody>
<tr>
<td>Classify-record-and summarize financial data</td>
<td>Prepare sales slips</td>
<td>4 3 2 1 0 27. Process inventory adjustments</td>
</tr>
<tr>
<td>Discuss the nature of the accounting cycle</td>
<td>Prepare invoices</td>
<td>4 3 2 1 0 28. Determine the cost of inventory</td>
</tr>
<tr>
<td>Demonstrate the effects of transactions on the accounting equation</td>
<td>Explain the nature of special journals</td>
<td>4 3 2 1 0 29. Calculate time cards</td>
</tr>
<tr>
<td>Prepare a chart of accounts</td>
<td>Record transactions in special journals</td>
<td>4 3 2 1 0 30. Maintain employee earnings records</td>
</tr>
<tr>
<td>Use T accounts</td>
<td>Explain the nature of accounts payable</td>
<td>4 3 2 1 0 31. Calculate employee earnings - e.g. gross earnings - net pay</td>
</tr>
<tr>
<td>Record transactions in a general journal</td>
<td>Maintain a vendor file</td>
<td>4 3 2 1 0 32. Calculate employee-paid withholdings</td>
</tr>
<tr>
<td>Post journal entries to general ledger accounts</td>
<td>Prepare a credit memorandum for returned goods</td>
<td>4 3 2 1 0 35. Prepare a payroll register</td>
</tr>
<tr>
<td>Prepare a trial balance</td>
<td>Process invoices for payment</td>
<td>4 3 2 1 0 36. Record the payroll in the general journal</td>
</tr>
<tr>
<td>Journalize and post adjusting entries</td>
<td>Process accounts payable checks</td>
<td>4 3 2 1 0 37. Complete payroll tax expense forms</td>
</tr>
<tr>
<td>Journalize and post closing entries</td>
<td>Prepare an accounts payable schedule</td>
<td>4 3 2 1 0 38. Prepare federal-state-and local payroll tax reports</td>
</tr>
<tr>
<td>Prepare a post-closing trial balance</td>
<td>Explain the nature of accounts receivable</td>
<td>(Divide competencies here if teaching as two .5 credit Accounting courses.)</td>
</tr>
<tr>
<td>Prepare work sheets</td>
<td>Maintain a customer file for accounts receivable</td>
<td>4 3 2 1 0 39. Analyze a partnership agreement</td>
</tr>
<tr>
<td>Discuss the nature of annual reports</td>
<td>Analyze sales transactions</td>
<td>4 3 2 1 0 40. Allocate profits and losses to the partners</td>
</tr>
<tr>
<td>Discuss the use of financial ratios in accounting</td>
<td>Post to an accounts receivable subsidiary ledger</td>
<td>4 3 2 1 0 41. Prepare a statement of partners’ equities</td>
</tr>
<tr>
<td>Determine business liquidity</td>
<td>Process sales orders and invoices</td>
<td>4 3 2 1 0 42. Prepare a balance sheet for a partnership</td>
</tr>
<tr>
<td>Calculate business profitability</td>
<td>Process sales returns and allowances</td>
<td>4 3 2 1 0 43. Explain the nature of special journals</td>
</tr>
<tr>
<td>Prepare income statements</td>
<td>Process customer payments</td>
<td>4 3 2 1 0 44. Record transactions in special journals</td>
</tr>
<tr>
<td>Prepare balance sheets</td>
<td>Prepare customer statements</td>
<td>4 3 2 1 0 45. Maintain a vendor file</td>
</tr>
<tr>
<td>Maintain cash controls</td>
<td>Process uncollectible accounts</td>
<td>4 3 2 1 0 46. Analyze purchase transactions</td>
</tr>
<tr>
<td>Prove cash</td>
<td>Prepare an accounts receivable schedule</td>
<td>4 3 2 1 0 47. Post to an accounts payable subsidiary ledger</td>
</tr>
<tr>
<td>Journalize/post entries to establish and replenish petty cash</td>
<td>Determine uncollectible accounts receivable</td>
<td>4 3 2 1 0 48. Prepare a credit memorandum for returned goods</td>
</tr>
<tr>
<td>Journalize/post entries related to banking activities</td>
<td>Record inventory usage</td>
<td>4 3 2 1 0 49. Maintain a vendor file</td>
</tr>
<tr>
<td>Explain the benefits of electronic funds transfer</td>
<td>Process invoice of inventory</td>
<td>4 3 2 1 0 50. Prepare a payroll register</td>
</tr>
<tr>
<td>Prepare bank deposits</td>
<td>Process results of inventory</td>
<td>4 3 2 1 0 51. Process purchase requisitions</td>
</tr>
<tr>
<td>Prepare purchase requisitions</td>
<td></td>
<td>4 3 2 1 0 52. Prepare purchase orders</td>
</tr>
<tr>
<td>Prepare purchase orders</td>
<td></td>
<td>4 3 2 1 0 53. Prepare a chart of accounts</td>
</tr>
</tbody>
</table>
12009 – BUSINESS COMMUNICATIONS (.5 credit)

Business Communications courses help students to develop an understanding and appreciation for effective communication in business situations and environments. Emphasis is placed on all phases of communication: speaking, listening, thinking, responding, reading, writing, communication non-verbally, and utilizing technology for communication. Business communication functions, processes, and applications in the context of business may be practiced through problem-based projects and real-world applications.

- Define, spell, pronounce, and syllabicate frequently used and business-related words
- Apply rules for plurals, possessives, prefixes, and word endings.
- Demonstrate proficiency in the use of a dictionary
- Demonstrate good sentence structure
- Demonstrate proficiency in the use of punctuation.
- Demonstrate proficiency in using reference materials
- Demonstrate proficiency in using software and hardware instruction manuals
- Use appropriate words, grammar, sentence construction, and punctuation in written communications with customers, coworkers, and supervisors
- Interpret, analyze, and confirm written instructions or procedure
- Operate communications equipment

- Compose and key error-free electronic mail messages
- Use dictionary and/or other reference materials to produce error-free documents
- Demonstrate proper error correction techniques
- Write a letter requesting admission and scholarship information
- Request a room reservation or reply to such a request
- Ask for material to be sent or grant or deny such a request
- Ask for credit, grant it, or deny it
- Request a speaker for a convention or meeting
- Sell a service/product through the mail
- Write or answer a letter of complaint
- Prepare interoffice memorandums
- Identify the communications needs of various types of businesses such as retailing, manufacturing, financial, service, government, wholesaling, and distribution
- Use appropriate technologies to create identified business correspondence
- Key documents from longhand or edited rough draft
- Proofread documents
- Meet the standard of mailability for all production work
- Prepare and deliver an oral Presentation
- Practice customer contact skills
- Interpret, analyze, and confirm
I 2054 – BUSINESS LAW (.5 credit) Technical-level course
This course identifies and promotes the skills needed in law and law associated professions. Topics include the origins, ethics, structures, and institutions of law. It concentrates on several types of law including criminal, civil, consumer, contract, property, agency, employment, family and environmental law. The intent of the class is to allow areas of concentration once all of the competencies are met.

The student will demonstrate his understanding of the sources of law.

4 3 2 1 0 1. Discuss the responsibility for obeying the law.
4 3 2 1 0 2. Describe the role of ethics and values in personal and legal systems.
4 3 2 1 0 3. Compare various ethical systems, and discuss how they may conflict. The student will demonstrate his understanding of the structure and processes in the U.S. legal system.
4 3 2 1 0 4. Discuss the Constitution and the Bill of Rights
4 3 2 1 0 5. Discuss the structure of Federal, State, and Municipal legal systems
4 3 2 1 0 6. Understand the various processes, procedures, and precedents of the various courts. The student will demonstrate the ability to identify and discuss Criminal law.

4 3 2 1 0 7. Recognize the differences between various levels of crime (i.e. felonies, misdemeanors, infractions)
4 3 2 1 0 8. Identify and recognize potential defense strategies (i.e. insanity, self-defense etc.) The student will demonstrate the ability to identify issues and discuss Civil law.
4 3 2 1 0 9. Discuss and classify different types of tort claims.
4 3 2 1 0 10. Discuss the challenges faced and remedies of tort cases. The student will demonstrate the ability to identify issues and discuss Contract law.
4 3 2 1 0 11. Demonstrate an understanding of the nature of contractual relationships, and a list of elements required in a valid contract.
4 3 2 1 0 12. Demonstrate an understanding of the variety of different types of contracts.
4 3 2 1 0 13. Explain a minor's right to avoid a contract and identify people who lack contractual capacity.
4 3 2 1 0 14. Discuss the several ways contracts may be invalidated or violated. The student will demonstrate the ability to identify issues and discuss Property law.
4 3 2 1 0 15. Recognize and discuss the various types of property cases (i.e. real, personal, intellectual) The student will demonstrate the ability to identify issues and discuss Consumer law.
4 3 2 1 0 16. Demonstrate an understanding of
the Uniform Consumer Code, various enforcement agencies (i.e., Federal Trade Commission) and consumer protection laws.
4 3 2 1 0 17. Identify legislation which regulates consumer credit (e.g., Fair Credit Reporting Act, Equal Credit Opportunity Act, etc).
4 3 2 1 0 18. Define common unfair practices (i.e. bait and switch, usury, identity theft, misrepresentation fly by night companies).
The student will demonstrate the ability to identify issues and discuss Agency and Employment law.
4 3 2 1 0 19. Discuss and define an agency’s code of ethics involving relationships, duties, obligations, and liabilities.
4 3 2 1 0 20. Discuss and explain the nature of employer and employee relationships.
4 3 2 1 0 21. Demonstrate an understanding of discrimination both justified and unjustified.
4 3 2 1 0 22. Identify and discuss employment regulation (Child/youth labor, minimum wage, collective bargaining).
The student will demonstrate the ability to identify issues and discuss Family law.
4 3 2 1 0 23. Demonstrate an understanding of marriage, dissolution of marriage, and parental custody issues.
4 3 2 1 0 24. Demonstrate an understanding of wills, trusts, probate and estate planning.

The student will demonstrate the ability to identify issues and discuss Environmental law.
4 3 2 1 0 25. Demonstrate an understanding of environmental regulation, energy regulation and pollution controls.
4 3 2 1 0 26. Demonstrate an understanding of the relationship between law and the use of pollution taxes and emissions credit trading.
4 3 2 1 0 27. Demonstrate an understanding of environmental documents, laws, rules etc. and analyze and interpret complex events.

The student will demonstrate the ability to identify issues and discuss Sole Proprietorship and Partnerships.
4 3 2 1 0 28. Outline the legal procedures for forming and running a sole proprietorship and partnership.
4 3 2 1 0 29. Identify how the partnerships may be dissolved.
4 3 2 1 0 30. Distinguish and explain a limited partnership from a general partnership.

The student will demonstrate the ability to identify issues and discuss C Corporations, S Corporations and Limited Liability Corporations.
4 3 2 1 0 31. Explain the steps in forming a Corporation.
4 3 2 1 0 32. Identify rights and responsibilities of board of directors, officers of a corporation and shareholders.
4 3 2 1 0 33. Explain the advantages and disadvantages of a corporation.
4 3 2 1 0 34. Distinguish and explain a limited liability corporation from a C corporation and S corporation.

The student will demonstrate the ability to identify issues and discuss Bankruptcy.
4 3 2 1 0 35. Describe and discuss the various aspects of bankruptcy (i.e., Chapter 7, Chapter 11 and Chapter 13).

12164 – PRINCIPLES OF MARKETING (1 credit)
4 3 2 1 0 1. Analyze company resources to ascertain policies and procedures.
4 3 2 1 0 2. Write business letters.
4 3 2 1 0 3. Write information messages.
4 3 2 1 0 4. Write inquiries.
4 3 2 1 0 5. Demonstrate a customer-service mindset.
4 3 2 1 0 6. Reinforce service orientation through communication.
4 3 2 1 0 7. Respond to customer inquiries.
4 3 2 1 0 8. Adapt communication to the cultural and social differences among clients.
4 3 2 1 0 9. Interpret business policies to customers/clients.
4 3 2 1 0 10. Handle difficult customers.
4 3 2 1 0 11. Handle customer/client complaints.
4 3 2 1 0 12. Identify company’s brand promise.
4 3 2 1 0 13. Determine ways of reinforcing the company’s image through employee performance.
4 3 2 1 0 14. Explain marketing and its importance in a global economy.
4 3 2 1 0 15. Describe marketing functions and related activities.
4 3 2 1 0 16. Explain employment opportunities in marketing.
4 3 2 1 0 17. Explain the nature and scope of channel management.
4 3 2 1 0 18. Explain the relationship between customer service and channel management.
4 3 2 1 0 19. Explain the nature of channels of
4321020. Describe the use of technology in the channel management function.
4321021. Explain legal considerations in channel management.
4321022. Describe ethical considerations in channel management.
4321023. Describe the need for marketing information.
4321024. Identify information monitored for marketing decision making.
4321025. Explain the nature and scope of the marketing information management function.
4321026. Explain the role of ethics in marketing-information management.
4321027. Describe the use of technology in the marketing-information management function.
4321028. Describe the regulation of marketing-information management.
4321029. Explain the nature of marketing research.
4321030. Discuss the nature of marketing research problems/issues.
4321031. Describe methods used to design marketing research studies (i.e., descriptive, exploratory, and causal).
4321032. Describe options businesses use to obtain marketing-research data (i.e., primary and secondary research).
4321033. Discuss the nature of sampling plans.
4321034. Describe data-collection methods (e.g., observations, mail, telephone, Internet, discussion groups, interviews, scanners).

| 4321035 | Explain characteristics of effective data-collection instruments. |
| 4321036 | Explain techniques for processing marketing information. |
| 4321037 | Explain the use of descriptive statistics in marketing decision-making. |
| 4321038 | Explain the concept of marketing strategies. |
| 4321039 | Explain the concept of market and market identification. |
| 4321040 | Explain the nature and scope of the pricing function. |
| 4321041 | Describe the role of business ethics in pricing. |
| 4321042 | Explain the use of technology in the pricing function. |
| 4321043 | Explain legal considerations for pricing. |
| 4321044 | Explain factors affecting pricing decisions. |
| 4321045 | Explain the nature and scope of the product/service management function. |
| 4321046 | Identify the impact of product life cycles on marketing decisions. |
| 4321047 | Describe the use of technology in the product/service management function. |
| 4321048 | Explain business ethics in product/service management. |
| 4321049 | Describe the uses of grades and standards in marketing. |
| 4321050 | Explain warranties and guarantees. |
| 4321051 | Identify consumer protection provisions of appropriate agencies. |
| 4321052 | Explain the concept of product mix. |
| 4321053 | Describe factors used by marketers to position products/services. |
| 4321054 | Explain the nature of product/service branding. |
| 4321055 | Explain the nature of corporate branding. |
| 4321056 | Explain the role of promotion as a marketing function. |
| 4321057 | Explain the types of promotion. |
| 4321058 | Identify the elements of the promotional mix. |
| 4321059 | Describe the use of business ethics in promotion. |
| 4321060 | Describe the use of technology in the promotion function. |
| 4321061 | Describe the regulation of promotion. |
| 4321062 | Explain types of advertising media. |
| 4321063 | Describe word of mouth channels used to communicate with targeted audiences. |
| 4321064 | Explain the nature of direct marketing channels. |
| 4321065 | Identify communications channels used in sales promotion. |
| 4321066 | Explain communications channels used in public-relations activities. |
| 4321067 | Explain the nature and scope of the selling function. |
| 4321068 | Explain the role of customer service as a component of selling relationships. |
| 4321069 | Explain key factors in building a...
Introduction to Organizations
terminology, concepts and principles. These courses also equip students with quantitative and qualitative implications. Recommending solutions by evaluating their courses, IB Business and Management in keeping with Individual and Society Baccalaureate Business and Management IB Business

Accounting and Finance
1. Analyze local organizations of different types and identify their main features.
2. Explain the advantages and disadvantages of each type of organization identified.
3. Relate each type of ownership to the degree of control.
4. Distinguish between organizations in the private and public sectors.
5. Analyze the reasons for forming global conglomerates and networks.
6. Analyze the role of subsidiaries, joint ventures/strategic alliances multinational companies and holding companies.
7. Explain the importance of objectives in managing an organization.
8. Use SWOT analysis to assess an organization’s position, and to define and refine its objectives.
9. Explain the interests of stakeholders and the likelihood of conflict between them.
10. Use PEST/STEP analysis to investigate how external factors impact on organizations.

Academic-Language Arts
Organizes business correspondence, instructions, descriptions, summarizes and reports in a logical and effective sequence to meet the readers’ informational needs.
11. Writes with an awareness of purpose and audience (e.g. letters, complex reports, directions, graphics, brochures, electronic presentations, newsletters, memos, job searches, fliers, e-mails, Web pages, pictorials).
12. Determines meaning of marketing words or phrases using context clues.
13. Uses paraphrasing and organizational skills to summarize information.
15. Explain how the advancement of technology enhanced the way telecommunications have affected our lives.

Career Development Skills
Participate in group discussions.
Make oral presentations.
Prepare simple written reports.

12059 – IB Business & Management (1 credit)
IB Business and Management courses prepare students to take the International Baccalaureate Business and Management exam at either the Subsidiary or Higher level. In keeping with Individual and Society courses, IB Business and Management promotes problem-solving by identifying the problem, selecting and interpreting data, applying appropriate analytical tools, and recommending solutions by evaluating their quantitative and qualitative implications. These courses also equip students with knowledge and understanding of business terminology, concepts and principles.

Introduction to Organizations
1. Analyze local organizations of
2. Explain company selling policies
3. Explain business ethics in selling
4. Describe the use of technology in the selling function
5. Describe the nature of selling regulations
6. Acquire product information for use in selling
7. Analyze product information to identify product features and benefits
8. Explain the selling process
9. Establish relationship with client/customer
10. Determine customer/client needs
11. Recommend specific product
12. Calculate miscellaneous charges
13. Process special orders
14. Process telephone orders

price or cost on the break-even quantity, profit, and margin of safety, using graphical and quantitative methods.
16. Construct and amend accounts from information given.
17. Calculate and use ratios to interpret financial statements.
Student Leadership Skills
4 3 2 1 0 27. Identify desirable 21st Century skills important to business.

APPLICATION LEVEL
32200 – APPLIED BUSINESS DEVELOPMENT
(1 credit)
Applied Business Development students will practice skills of planning, organizing, directing and controlling functions of operating a business while assuming the responsibilities and risk involved. Students will develop skills in enterprise development, market analysis and financial preparation.

4 3 2 1 0 1. Apply principled economics and marketing to optimize business value and customer satisfaction.
Identify the effects of the economy on selected industry to plan products and services.
Identify future needs by using information about current trends.
Use principles of budgeting and forecasting to maximize profit and growth within the industry.
Research costs, pricing and market demands to promote profitability.
Utilize information from ethnic and geographical studies to guide customer service decisions.
Describe the functions of prices in markets.

4 3 2 1 0 2. Use economic indicators to detect economic trends and conditions.
Describe the concept of price stability as an economic measure.
Discuss the measure of consumer spending as an economic indicator.
Discuss the impact of a nation's unemployment rates

4 3 2 1 0 3. Identify audience and create communications support statistics for internal and external audiences.
Identify the audience and determine the type of communication to use for that audience.
Gather the data to be included in the communication for the specific external audience.
Prepare the communication in easy to understand format for intended audience.
Choose the appropriate mode of communication.

4 3 2 1 0 4. Assume the necessary role to perform the responsibilities of delivering and receiving a message.
Adopt the appropriate communicator role (trainer, presenter, counselor, etc.)
Listen to and value the response of the audience to determine the effectiveness of the communication and appropriate follow-up actions.
Perform any required follow-up actions (respond to questions, document the communication session, etc.).

4 3 2 1 0 5. Manage the broad scope of business communications to process, document, and store information efficiently and appropriately.
Develop and implement documentation processes and procedures.
Make records of verbal and written communications in accord with your company's documentation processes and procedures.
Utilize a document management or information storage system (may require an individual to know how to interact with the manager of information systems).
Recall and utilize document records.
Store communication for future reference or input into database, as required.

4 3 2 1 0 6. Prepare appropriate materials to reply to inquiries that required a considered response.
Understand and communicate the purpose of the reply.
Use the appropriate grammar, tone, style.
Perform any other required activities (amend the file record, interact with legal, etc.)
**Business Management and Administration Cluster**

**4 3 2 1 0 7.** Exhibit behaviors and actions to effectively hire, motivate and lead people.
Identify and describe strategies that provide effective recruitment and performance incentives for employee retention.
Motivate and lead employees toward innovative ideas and/or critical-thinking ability.
Motivate and lead employees toward continuous learning and/or professional development.

**4 3 2 1 0 8.** Exhibit behaviors and actions to effectively motivate and lead change.
Identify and describe reasons for macro- and micro-economic change (change in the community, industry, internal and external operations).

**4 3 2 1 0 9.** Exhibit behaviors and actions to effectively motivate and promote the use of teamwork in the workplace.
Describe the interrelationships, interactions, and communications required for teaming.
Develop and implement team operating procedures.
Describe and be able to adopt the tools/resources that facilitate working in teams.
Exhibit the ability to be flexible and allow for adaptations in work that team-tasking requires.

**4 3 2 1 0 10.** Manage stressful situations to minimize negative workplace interactions.

**4 3 2 1 0 11.** Exhibit the actions and behaviors most effective for supervising and directing the company goals and projects.

**4 3 2 1 0 12.** Exhibit the actions and behaviors most effective for supervising and directing the human resources assigned to you for a company.

**4 3 2 1 0 13.** Exhibit the actions and behaviors most effective for supervising and directing the external relationships in your area of responsibility.
Exhibit actions and behaviors to supervise and direct risk-mitigation activities and other legal issues.
Demonstrate the ability to supervise and manage quality-control issues.
Demonstrate the ability to motivate and lead specific external business constituencies (clients, stockholders and board members, suppliers and service providers, government or regulatory associations, media, and the community).

**4 3 2 1 0 14.** Evaluate opportunities to determine potential company changes and implement strategies for catalyzing and guiding changes.

**4 3 2 1 0 15.** Implement the improvement process to guide the change.
Document and evaluate input and outcomes throughout the process.
Roll out full-scale implementation strategies for promoting workplace harmony and company productivity.
of the change.
Evaluate the improvement process (cost/benefit analysis, impact analysis, etc.).

**Demonstrate and experience the value and role of marketplace competition.**

**4 3 2 1 0 16 Dramatize/Explain ways marketplace competition could both be beneficial and harmful to a(n) business/organization.**
Participate in performance based competitive event.
Participate in a business plan competition.
Explain and identify the market-based competitions within the desired business field.

**Understand ethical and legal responsibilities to maintain high quality standards in product and service industries.**

**4 3 2 1 0 17. Create a resource base of alternative plans containing proactive and reactive solutions to manage emergency situations.**
Formulate methods of resolution and/or alternatives to eliminate potential safety hazards.
Identify sources of assistance to utilize in emergency situations for self, co-workers and customers/guests.

**4 3 2 1 0 18. Establish procedures that educate customers about identified safety and security issues.**
Disseminate information to customers addressing potential safety hazards and security issues.

**4 3 2 1 0 19. Apply knowledge of business ownership to establish and continue business operations**
Select form of business ownership.

**Develop and implement short and long-term strategic plans to manage growth, profit and goals within a specific market segment.**

**4 3 2 1 0 20. Develop and implement annual performance-based operating plans to manage long-range company goals.**
Create annual, semi-annual and quarterly operating plans.
Develop technical management sections and work break-down structures; schedule types (Gantt charts, PERT charts, etc.) and priorities; and cost management sections and profit projections for annual operating plan.

**4 3 2 1 0 21. Develop for implementation a business plan to meet market demands/opportunities**
Develop and implement financial/budgeting plans.
Develop and implement legal/contractual and/or risk management plans.
Develop and implement organizational charts and staffing/human resource plans.
Develop and implement inventory control plans and/or quality control/quality assurance plans.
Develop and implement project or workload management plans

**Evaluate employee performance to provide timely and appropriate responses to personnel issues.**

**4 3 2 1 0 22. Apply performance standards to evaluate employees.**
Identify and communicate performance standards.
Identify and communicate policies and procedures for reviewing performance.
Track performance indicators and develop performance reports.
Analyze performance reports for their impact upon your responsibility sets.

**4 3 2 1 0 23. Develop timely responses to employee performance evaluations.**
Provide feedback response on employee’s performance.
Implement performance improvement plans.
Amend employee work plans to account for performance evaluation results.
Provide strategies for rewarding employee performance.

**Organize the various business services to address all company components.**

**4 3 2 1 0 24. Analyze the individual role and unit’s responsibility to the business.**
Identify the various departments’ work group organization and individuals, as well as their interrelationships, within a company’s organizational structure.
Identify the various employees responsible for the management of company information (including their responsibilities).
Demonstrate the ability to describe and adopt the appropriate organizational tools and systems for the unit and the unit’s responsibility set.

**4 3 2 1 0 25. Develop policies and procedures to provide support for the organization.**
Review current policies and procedures
Identify areas where policies and procedures must be added or revised
Develop a company policy and procedures manual.
43210 26. **Organize business components to assure quality products/services are delivered on time.**
Organize data/information/research.
Organize people (human resources).
Organize all other resources.
Organize activities to meet time lines.
Organize production or delivery of products/services
*Understand the importance and applications of various types of management.*

43210 27. **Utilize project-management skills to improve work-flow and minimize costs.**
Explain the nature of project management.
Explain the nature of a project life cycle.
Explain standards project-management processes.
Develop project plan.
Coordinate schedules and activities.
Apply project-management tools to monitor project progress.
Track and evaluate project progress and results.

43210 28. **Understand the role and function of quality management to obtain a foundational knowledge of its nature and scope.**
Explain the nature of quality management.
Discuss the need for continuous improvement of the quality process.

43210 29. **Recognize management's role to understand its contribution to business success.**
Explain the nature of managerial ethics.
Describe factors that influence management.
Explain management theories and their applications.

43210 30. **Utilize planning tools to guide organization's/department's activities.**
Explain the nature of business plans.
Explain the nature of SWOTs.
Discuss the nature of sales forecasts.
Explain external planning considerations.
Evaluate business acquisition options.

43210 31. **Acquire foundational knowledge of financial-information management to understand its scope and nature.**
Describe the need for financial information.

43210 32. **Understand human resource management models to demonstrate knowledge of their nature and scope.**
Explain human resource management functions
*Employ and manage techniques, strategies, and systems used by management to foster self-understanding and enhance business.*

43210 33. **Demonstrate managerial and business ethics.**
Discuss ethics, responsibility, honesty, integrity, and work habits.

43210 34. **Manage internal and external inter-cultural business relationships.**
Exhibit cultural sensitivity.
Implement teamwork techniques to accomplish goals.
Explain the impact of business customs and practices on global trade.

43210 35. **Develop personal traits and behaviors to foster career advancement**
Identify desirable personality traits important to business
Exhibit a positive attitude
Exhibit self-confidence
Demonstrate interest and enthusiasm
Demonstrate initiative
Foster positive working relationships
Participate as a team member
Explain the nature of effective communications

Entreprenurship: Develop personal traits and behaviors to foster career advancement.

43210 36. **Develop concept for new business venture to evaluate its success potential.**
Describe entrepreneurial planning considerations.
Explain tools used by entrepreneurs for venture planning.
Assess start-up requirements and other financial risks associated with venture.
Use components of business plan to define venture ideas.

43210 37. **Determine needed resources for a new business venture to contribute to its start-up viability.**
Describe process used to acquire financial resources for venture creation/start-up.
Maintain, monitor, plan, and control the use of financial resources to protect an entrepreneur and business’s financial well-being.

Identify potential business threats and opportunities to protect a business's financial well-being.

Implement accounting procedures to track money flow and to determine financial status through proper financial statement reporting.

Manage marketing activities to facilitate business development and growth.

Acquire foundational knowledge of customer/client/business behaviors to understand what motivates decision-making.

4 3 2 1 0 38. Identify potential business threats and opportunities to protect a business's financial well-being.

Maintain, monitor, plan, and control the use of financial resources to protect an entrepreneur and business’s financial well-being.

Identify speculative business risks.

Explain the nature of risk management.

Identify a business's risks.

Explain the time value of money.

Explain the purposes and importance of credit.

4 3 2 1 0 39. Implement accounting procedures to track money flow and to determine financial status through proper financial statement reporting.

Describe the nature of budgets.

Monitor business's profitability.

Develop a monthly and annual business budget.

Maintain financial records.

Describe the nature of income and cash flow statements.

Explain and interpret a balance sheet.

Manage marketing activities to facilitate business development and growth.

Acquire foundational knowledge of customer/client/business behaviors to understand what motivates decision-making.

4 3 2 1 0 40. Acquire foundational knowledge of customer/client/business behaviors to understand what motivates decision-making.

Explain customer/client/business buying behavior.

Determine services to provide customers.

Explain the role of customer service in positioning/image.

Analyze factors that contribute to business success.

Develop strategies to position product/business.

4 3 2 1 0 41. Understand promotional channels used to communicate with targeted audiences.

Explain types of advertising media.

Explain the nature of direct marketing channels.

Identify communications channels used in sales promotion.

Explain communications channels used in public-relations activities.

4 3 2 1 0 42. Employ marketing mix strategies to meet customer expectations, assuring business exchanges.

Explain the concept and elements of the marketing mix.

Explain the factors used to position products/services.

Explain the nature and importance of branding.

4 3 2 1 0 43. Employ sales processes and techniques to enhance customer relationships and to increase the likelihood of making sales.

Establish relationship with client/customer.

Determine customer/client needs.

Recommend specific product.

Calculate miscellaneous charges to complete the exchange.
BUSINESS MANAGEMENT & ADMINISTRATION CAREER CLUSTER DESIGN

Business Entrepreneurship & Management Pathway Competencies and Indicators

CIP Code 52.0799

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*Required for Pathway Approval