STATE UNIVERSITY OF NEW YORK
COLLEGE OF TECHNOLOGY
CANTON, NEW YORK

MASTER SYLLABUS

COURSE NUMBER – COURSE NAME
HSMB 306 – Health Care Financing

CIP Code: 51.0701
For assistance determining CIP Code, please refer to this webpage
or reach out to Sarah Todd at todds@canton.edu

Created by: Marela Fiacco
Updated by: Vicki Perrine

School of Business and Liberal Arts
Department: Health Care Management
Semester/Year: Fall, 2023
A. TITLE: Health Care Financing

B. COURSE NUMBER: HSMB 306

C. CREDIT HOURS: (Hours of Lecture, Laboratory, Recitation, Tutorial, Activity)

   # Credit Hours: 3
   # Lecture Hours: 3 per week
   # Lab Hours: 0 per week
   Other: 0 per week

   Course Length: 15 Weeks

D. WRITING INTENSIVE COURSE: Yes [ ] No [x]

E. GER CATEGORY: None: [ ] Yes: GER

   If course satisfies more than one: GER

F. SEMESTER(S) OFFERED: Fall [ ] Spring [ ] Fall & Spring [x]

G. COURSE DESCRIPTION:

   This course provides the student with an opportunity to understand the fundamentals of the financial management of health care organizations. The course includes such topics as accounting, reimbursement methodologies, reporting and measuring financial performance, variance analysis, constructing and evaluating budgets, business planning, health care costs and expenditures, data analytics and project risk analysis.

H. PRE-REQUISITES: None [ ] Yes [x] If yes, list below:

   HSMB 304 - U.S. Health Care System or permission of the instructor.

   CO-REQUISITES: None [x] Yes [ ] If yes, list below:

I. STUDENT LEARNING OUTCOMES: (see key below)

   By the end of this course, the student will be able to:

<table>
<thead>
<tr>
<th>Course Student Learning Outcome [SLO]</th>
<th>Program Student Learning Outcome [PSLO]</th>
<th>GER [If Applicable]</th>
<th>ISLO &amp; SUBSETS</th>
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<tbody>
<tr>
<td>1. Describe the strategic role of financial management in health care organizations.</td>
<td>Describe the framework in which healthcare services</td>
<td>1-Comm Skills</td>
<td>W Subsets</td>
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<td>ISLO</td>
<td>ISLO Subsets</td>
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<tr>
<td>ISLO #</td>
<td>Communication Skills</td>
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**2. Demonstrate an understanding of financial statements and financial reporting related to health care financial management.**
- Analyze alternative management solutions in healthcare related problems and challenges.
- Subsets

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<td>ISLO 1</td>
<td>PS Subsets</td>
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**3. Participate in the formulation and evaluation of health care organization budgets.**
- Demonstrate knowledge of strategic planning and decision making in the healthcare organization.
- Subsets

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<td>None Subsets</td>
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**4. Demonstrate an understanding of various healthcare reimbursement methodologies.**
- Describe the framework in which healthcare services are produced, coordinated, consumed, and reimbursed.
- Subsets

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**5. Describe the impact of costs and managing expenses on healthcare organizations.**
- Describe the framework in which healthcare services are produced, coordinated, consumed, and reimbursed.
- Subsets

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</table>
Oral [O], Written [W]

2 Critical Thinking
   Critical Analysis [CA], Inquiry & Analysis [IA], Problem Solving [PS]

3 Foundational Skills
   Information Management [IM], Quantitative Lit./Reasoning [QTR]

4 Social Responsibility
   Ethical Reasoning [ER], Global Learning [GL], Intercultural Knowledge [IK], Teamwork [T]

5 Industry, Professional, Discipline Specific Knowledge and Skills

*Include program objectives if applicable. Please consult with Program Coordinator

J. APPLIED LEARNING COMPONENT: Yes ☒ No ☐

If YES, select one or more of the following categories:

☒ Classroom/Lab ☐ Civic Engagement
☒ Internship ☐ Creative Works/Senior Project
☒ Clinical Placement ☐ Research
☒ Practicum ☒ Entrepreneurship
☒ Service Learning ☐ (program, class, project)
☒ Community Service

K. TEXTS:


L. REFERENCES:

Healthcare Executive, American College of Healthcare Executives publications.

Frontiers of Health Services Management, American College of Healthcare Executives publications.

M. EQUIPMENT: None ☒ Needed:

N. GRADING METHOD: A-F

O. SUGGESTED MEASUREMENT CRITERIA/METHODS:

Discussion Boards
Assignments
Quizzes
Final Exam

P. DETAILED COURSE OUTLINE:
1. Healthcare Finance Overview
   a. Introduction to Healthcare Finance
   b. Financial Management Systems

2. Assets, Liabilities, Revenues, and Expenses
   a. Assets, Liabilities, and Net Worth
   b. Revenues
   c. Expenses

3. Understanding Costs and Managing Expenses
   a. Direct and Indirect Costs
   b. Cost Behavior and Break Even Analysis
   c. Managing Staffing and Salaries: Methods, Operations, and Regulations
   d. Managing Supplies, Equipment, and Facilities

4. Reporting and Measuring Financial Performance
   a. Financial Statements, Reporting Organizational Financial Performance
   b. Financial Ratios and Operating Indicators, Assessing Financial Performance

5. Constructing and Evaluating Budgets
   a. Constructing an operating Budget
   b. Variance Analysis and Sensitivity Analysis
   c. Benchmarking, Estimates, and Measurement Tools
   d. Constructing a Capital Budget

6. Evaluating Capital Investments
   a. Investing, Borrowing, and Statistics
   b. Purchasing vs. Leasing

7. Data Analytics, Planning and Payment Systems
   a. Understanding the Impact of Data Analytics and Big Data
   b. Strategic Planning and the Healthcare Financial Manager
   c. Creating a Business Plan
   d. Healthcare Delivery Systems, Finance, and Reimbursement
   c. Value-Based Health Care and Its Financial and Digital Outcomes

Q. LABORATORY OUTLINE: None ☒ Yes ☐