TO: Deans, Division Directors and Department Chairs
FROM: Joseph Khamalah, Interim Assistant Vice Chancellor for Academic Programs
and Director of Graduate Studies
(for the Curriculum Review Subcommittee)

DATE: 4/1/2013
SUBJECT: Request for Comments

When the Curriculum Review Subcommittee receives a proposal, the Office of Academic Affairs
distributes it, on behalf of the Subcommittee, to all deans and division directors and department
chairs for comment.

The purpose of this memo is to solicit your comments on the proposal to Click here to enter text.,
which is enclosed.

The Subcommittee especially invites comments on (1) the rationale for the proposed program;
(2) the use of IPFW resources; (3) the relationship among proposed and existing programs; and
(4) other effects on IPFW and on IPFW's constituencies.

A comment sheet is enclosed.

For the Curriculum Review Subcommittee to conduct its review in a timely manner, it is
essential that you reply to Joseph Khamalah, at khamaljn@ipfw.edu or (260) 481-6536 by
5/1/2013.

encs. Proposal to Minor in Military Science
Comment Sheet
Comment Sheet

Proposal: Minor in Military Science
Name of Dean, Division Director, or Department Chair: Click here to enter text.

1. The rationale for the proposed program
   Click here to enter text.

2. The use of IPFW resources
   Click here to enter text.

3. The relationship among proposed and existing programs
   Click here to enter text.

4. Other effects on IPFW and on IPFW's constituencies
   Click here to enter text.

5. Other comments
   Click here to enter text.

The Click here to enter text.

Unit Name

☐ has no objections to the proposal.
☐ endorses the proposal.
☐ has minor objections to the proposal which can be dealt with through revision.
☐ has major objections to the proposal and recommends that the CRS postpone review.

Send comments to Joseph Khamalah, Interim Assistant Vice Chancellor for Academic Programs and Director of Graduate Studies at khamalin@ipfw.edu or (260) 481-6538 by 5/1/2013.
COLLEGE OF ENGINEERING, TECHNOLOGY, AND COMPUTER SCIENCE (ETCS)
ASSEMBLY OF REPRESENTATIVES

ASSEMBLY OF REPRESENTATIVES DOCUMENT

Document No. 12-13 (9)

Date March 4, 2013

(Date sent forward)

To: Curriculum Committee
College of Engineering, Technology, and Computer Science

The Dean submits the attached document entitled Curriculum for Minor in Military Science for your recommendation.

Max Yen, Dean of ETCS

To: Assembly of Representatives

The Curriculum Committee of the College of Engineering, Technology, and Computer Science

X Recommends  ____ Does Not Recommend

the approval of the attached document.

Chair

# of votes Yes 5  No 0

(signatures of all Assembly committee members)

Assembly of Representatives Action

13 Approved  0 Disapproved

Dean, ETCS

Approval

Date 3/4/13

Disapproved

Dean 3/4/13

Date
IPFW
Request for a New Minor

Proposed Title of Minor: Military Science

Department Offering the Minor: College of Engineering, Technology, and Computer Science

Projected Date of Implementation: Fall 2013

I. Why is this minor needed? (Rationale)
   Military Science/Army Reserve Officers Training Corps (ROTC) is one of the best leadership courses in the country and this minor can be taken as a part of any BS program at IPFW. During classes and field training, military science students will learn first-hand what it takes to lead others, manage and motivate people, and how to achieve goals of an organization. Upon graduation from IPFW with a minor in military science, the graduate will be commissioned as an Officer in the United States Army and may serve in the Active Army, Indiana Army National Guard, or the United States Army Reserve. Currently, Purdue University, University of Southern Indiana, and Ball State University all have thriving military science programs that offer it as a minor to their students.

II. List the major topics and curriculum of the minor.
   Leadership, military operations and tactics, math reasoning, computer science, human behavior, written and oral communication skills, management, logistics, physical fitness, first aid, staff functions, military justice, military history, counseling, principles of war, law of war, and the organization of the Department of Defense.

III. What are the admission requirements?
   Academically aligned freshmen and sophomores may enroll in the Military Science 100 and 200 level classes without incurring any military service obligation. Scholarship opportunities exist for freshmen and sophomores but they will incur a military service obligation in exchange for scholarship benefits. Military Science 300 and 400 level classes may only be taken by academically aligned juniors, seniors, or graduate students that have been accepted into the upper division program. Students in the 300 and 400 level classes have signed a contract to receive scholarships or other tuition assistance will incur a military service obligation. Those students that fulfill contracting obligations will earn a minor in military science.

IV. Describe student population to be served.
   All IPFW students will be served by providing an opportunity to take military science classes and those meeting contracting criteria may be offered an opportunity to complete the minor and receive a Commission as a Second Lieutenant in the United States Army, Indiana Army National Guard, or the United States Army Reserve.

V. How does this minor complement the campus or departmental mission?
   Enabling IPFW students to take military science classes and possibly earn a commission in the army provides an option that serves the needs of northeast Indiana which is home to the Indiana Army National Guard, 293rd Infantry Battalion and other United States Army Reserve units. Many times, students who could not attend college due to the financial burden are given the opportunity to attend college due to the tuition assistance from the Indiana Army National Guard or the federal government. The nearest site that offers this program as a minor is Ball State University, which poses a hardship for IPFW students who desire to earn a minor due to geographic location. Furthermore, we collaborate with
JROTC programs in the area to promote IPFW on their high school campus to increase enrollment and community awareness.

VI. Describe any relationship to existing programs within the university.
This minor can be taken with any existing program. Army officers and non-commissioned officers that currently instruct here at IPFW will teach the courses as outlined in section VIII.

VII. List and indicate the resources required to implement the proposed minor. Indicate sources (e.g., reallocations or any new resources such as personnel, library holdings, equipment, etc.).
The United States Army or the Indiana Army National Guard will provide an adjunct faculty member to teach and manage the military science classes taught at IPFW. The United States Army will pay all benefits and allowances to the ROTC faculty with no expense to IPFW. No additional classroom or facilities are needed other than the office space and classrooms that the program currently occupies.

VIII. Describe any innovative features of the program (e.g., involvement with local or regional agencies, or offices, cooperative efforts with other institutions, etc.).
This program will establish an educational partnership with Ball State University Department of Military Science, which will provide administrative oversight to the IPFW military science program. Local high schools and military units will be poised to provide additional students with the opportunity to attend IPFW who, otherwise, would have been forced to attend another university in the state that offered the military science program as a minor. Two, three, and four year scholarships are available to students.

**Curriculum for Minor in Military Science/Army Reserve Officer’s Training Corps (ROTC)**

<table>
<thead>
<tr>
<th>Course Number and Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MSL 101</td>
<td>Leadership and Personal Development</td>
</tr>
<tr>
<td>MSL 102</td>
<td>Introduction to Tactical Leadership</td>
</tr>
<tr>
<td>MSL 201</td>
<td>Individual Leadership Studies</td>
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<td>MSL 202</td>
<td>Foundations of Tactical Leadership</td>
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<td>MSL 301</td>
<td>Adaptive Team Leadership</td>
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<td>MSL 302</td>
<td>Applied Team Leadership</td>
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<tr>
<td>MSL 401</td>
<td>Leadership and Management</td>
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<td>MSL 402</td>
<td>Leadership in a Complex World</td>
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Select one of the following approved IPFW OLS Courses (3 credit hours)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
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<tbody>
<tr>
<td>OLS 252</td>
<td>Human Relations in Organizations</td>
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<tr>
<td>OLS 268</td>
<td>Elements of Law</td>
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<td>OLS 274</td>
<td>Applied Leadership</td>
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Select one of the following approved IPFW History Courses (3 credit hours)

<table>
<thead>
<tr>
<th>Course Number</th>
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<tbody>
<tr>
<td>HIST H105</td>
<td>American History to 1877</td>
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<td>HIST H106</td>
<td>American History since 1877</td>
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<td>HIST H232</td>
<td>World in the 20th Century</td>
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<td>HIST A303</td>
<td>United States from 1789-1840</td>
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<td>HIST A313</td>
<td>United States 1865-1919</td>
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<tr>
<td>HIST T325</td>
<td>American Constitutional History</td>
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**Total: 24 hours**
## Course Objectives

**Tactics and Techniques**
- Work effectively in teams with fellow cadets.
- Identify symbols and colors on a military map.

**Leadership**
- Explain the importance of being a leader in the U.S. Army.
- Develop and present ideas and arguments for personal health and fitness program.

**Values and Ethics**
- Identify benefits of resilience and awareness in a personal fitness program.
- Develop the basic elements of time and stress management.

**Personal Development**
- Understand how time management impacts troop leading procedures.
- Explain the importance of time management.

**Core Course sequencing**

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<thead>
<tr>
<th>Lesson</th>
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### ROTC Program

The ROTC program is designed to prepare you for the Army and its advantages for the student. The focus is on developing basic knowledge and comprehension of Army training (leadership, tactics, ethics, and the Army's mission). Leadership development involves military science, critical thinking, goal setting, time management, stress management, and physical fitness programs (fitness). The goal is to achieve the highest level of physical fitness and leadership skills.
### Course Objectives

**Tactics and Techniques**
- Explain the importance of personal development for officership.

**Officership**
- Describe the three individual movement techniques.

**Personal Development**
- Describe the components of a fire team and squad.

**Leadership**
- Describe the importance of Warrior Ethos for effective leadership.

**Values and Ethics**
- Illustrate how a leader leads, develops, and achieves competencies.
- Differentiate between leadership attributes and core leader.

**Leadership**
- Describe the components of a fire team and squad.

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Online Training Overview

MSL 102 OVERVIEW: Leadership Fundamentals such as setting direction, leading through influence, and making decisions.

**Leadership**
- Describe five core leadership competencies.

**Leadership**
- Describe the components of a fire team and squad.

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**Course Overview**

- Develop a Personal Development Plan.
- Explore how values impact leadership.

**Introduction to Tactics**
- Describe the importance of Warrior Ethos for effective leadership.

**Leadership**
- Describe the components of a fire team and squad.

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### Course Objectives

- Understand and develop the aspects of military service using DADCO.
- Explain the concepts and principles of leadership and command.
- Explore the importance of leadership and organizational development.
- Demonstrate an understanding of the different roles of Army leaders and their responsibilities.
- Differentiate between the different types of Army leaders and their functions.
- Develop the skills and knowledge necessary for effective leadership.
- Apply effective leadership principles in accordance with Army standards.
- Develop the skills necessary for effective leadership.
- Examine the role of Army leaders and the Army's equal opportunity policies.
- Examine the relationship between Army values and leadership.
- Develop a personal approach to leadership.

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**Leadership: Foundations of Tactcal**

Leadership requirements in the context of military operations. Leadership requirements must be understood and applied to the Army's operational environment. The course highlights the challenges of leading tactical teams in real-world scenarios.

**MSL 202 Preparatory Course for MSL 301:** Cadets develop greater self-awareness as they assess their own leadership qualities and enhance their communication and team-building skills.

Further study of the theoretical basis of the Army's leadership requirements. Leadership requirements must be understood and applied to the Army's operational environment. The course examines the challenges of leading tactical teams in real-world scenarios.
### MSL 301: Adaptive Team Leadership

#### Course Objectives

- Promote and develop leadership skills and critical thinking abilities.
- Continue to develop self-awareness and emotional intelligence.
- Apply the principles of team dynamics and collaborative problem-solving.
- Enhance communication and interpersonal skills.
- Develop strategies for conflict resolution and effective team management.
- Implement leadership strategies to facilitate effective decision-making.

#### Overview

The focus is on developing adaptive leadership skills that enable teams to succeed in challenging environments. The course objectives are designed to enhance participants' ability to lead and manage teams effectively.

#### Lesson Plan

<table>
<thead>
<tr>
<th>Time</th>
<th>Lesson 1</th>
<th>Lesson 2</th>
<th>Lesson 3</th>
<th>Lesson 4</th>
<th>Lesson 5</th>
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</thead>
<tbody>
<tr>
<td>9:00</td>
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<td>Unit 2</td>
<td>Unit 3</td>
<td>Unit 4</td>
<td>Unit 5</td>
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<td>Session 3</td>
<td>Session 4</td>
<td>Session 5</td>
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<td>Session 6</td>
<td>Session 7</td>
<td>Session 8</td>
<td>Session 9</td>
<td>Session 10</td>
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</tbody>
</table>

#### Key Points

- Promote a culture of inclusion and diversity.
- Facilitate team building and collaboration.
- Develop leadership competencies to navigate complex situations.
- Enhance decision-making skills through case studies and simulations.

#### Resources

- Leadership Development Program (LDP) Evaluation Cycle
- Adaptive Team Leadership
- Team Dynamics and Interpersonal Skills
- Communication and Conflict Resolution Techniques

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**TRACK LEGEND:**

- **LDP:** Leadership Development Program
- **PD:** Personal Development
- **MO:** Management Options
- **LEAD:** Leadership
- **SRT:** Strategic Readiness Training
- **CPR:** Critical Thinking and Problem Solving
- **EL:** Executive Leadership
- **FAR:** Functional Area Readiness
- **LRT:** Leadership Readiness Training
- **FDP:** Functional Development
<table>
<thead>
<tr>
<th>Lesson</th>
<th>Subject</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Lesson 1</td>
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<tr>
<td>2</td>
<td>Lesson 2</td>
<td>Continuing lesson</td>
</tr>
<tr>
<td>3</td>
<td>Lesson 3</td>
<td>Advanced lesson</td>
</tr>
<tr>
<td>4</td>
<td>Lesson 4</td>
<td>Final lesson</td>
</tr>
</tbody>
</table>

### Course Objectives
- Develop and convey a leadership model and outcome development plan.
- Prepare a leadership development plan using the unique officer development form.
- Gain a greater understanding of leader role and service.
- Develop and convey a leadership model and outcome development plan.
- Prepare a leadership development plan using the unique officer development form.
- Gain a greater understanding of leader role and service.

### Leadship in a Complex

World